


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Daulwalder 10-24-3-1E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT RANDLETT				
4. TYPE OF WELL Oil Well      Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621				
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crestpointenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Deep Creek Investments						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-322-1235				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2400 Sunnyside, Salt Lake City, UT 84108						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP		RANGE	MERIDIAN	
LOCATION AT SURFACE		716 FSL 1737 FEL		SWSE	24	3.0 S		1.0 E	U	
Top of Uppermost Producing Zone		1994 FSL 1997 FEL		NWSE	24	3.0 S		1.0 E	U	
At Total Depth		1994 FSL 1997 FEL		NWSE	24	3.0 S		1.0 E	U	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 716			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 920			26. PROPOSED DEPTH MD: 8990 TVD: 8798				
27. ELEVATION - GROUND LEVEL 4950			28. BOND NUMBER LPM9080271			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	16	0 - 40	65.0	H-40 ST&C	8.3	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 1000	36.0	J-55 ST&C	8.3	Class G	450	1.15	15.8
PROD	7.875	5.5	0 - 8990	17.0	N-80 LT&C	10.0	Light (Hibond)	300	3.66	10.5
							Class G	150	2.95	11.0
							Class G	450	1.65	13.0
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Emily Kate DeGrasse			TITLE Regulatory and compliance Intern			PHONE 720 880-3644				
SIGNATURE			DATE 10/25/2013			EMAIL edegrasse@crestpointenergy.com				
API NUMBER ASSIGNED 43047540720000			APPROVAL  Permit Manager							

Crescent Point Energy U.S. Corp

**Dauwalder 10-24-3-1E**

SHL: SW/SE of Section 24, T3S, R1E, USB&amp;M

BHL: NW/SE of Section 24, T3S, R1E, USB&amp;M

SHL: 716' FSL &amp; 1737' FEL

BHL: 1994' FSL &amp; 1997' FEL

Uintah County, Utah

**DRILLING PLAN**1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD	Depth-MD
Uinta	Surface	Surface
Upper Green River Marker	4,404'	4,549'
Mahogany	5,011'	5,188'
Garden Gulch (TGR3)	6,087'	6,279'
Douglas Creek	7,027'	7,219'
Black Shale	7,408'	7,600'
Castle Peak	7,619'	7,811'
Uteland	7,860'	8,052'
Wasatch	7,998'	8,190'
TD	8,798'	8,990'

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 4,549' – 8,190'

Wasatch Formation (Oil) 8,190' – 8,990'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of the DOGM prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at the DOGM. The DOGM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. Proposed Casing & Cementing Program*Casing Design:*

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
<b>Conductor</b> <b>16"</b> <b>Hole Size 24"</b>	0'	40'	65	H-40	STC	1,640	670	439
<b>Surface casing</b> <b>9-5/8"</b> <b>Hole Size 12-1/4"</b>	0'	1000'	36	J-55	STC	3,520	2,020	394,000
<b>Prod casing</b> <b>5-1/2"</b> <b>Hole Size 7- 7/8"</b>	0'	8,990'	17	E-80	LTC	7,740	6,280	348,000
						2.62	1.30	2.20

*Assumptions:*

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 10.0 ppg  
 Pore pressure at surface casing shoe = 8.33 ppg  
 Pore pressure at prod casing shoe = 8.33 ppg  
 Gas gradient = 0.115 psi/ft

*Minimum Safety Factors:*

Burst = 1.000  
 Collapse = 1.125  
 Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer per joint on the bottom three joints.

*Cementing Design:*

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
Surface casing	1000' - surface	Class V 2% chlorides	100%	450	15.8	1.15
Prod Lead 2	4500' to Surface	Hifill Class V 3% chlorides	45% in open-hole 0% in Cased hole	300	10.5	3.66
Prod casing Lead	6500' to 4500'	Hifill Class V 3% chlorides	25%	150	11	2.95
Prod casing Tail	TD to 6500'	Class G 10% chlorides	15%	450	13	1.65

\*Actual volume pumped will have excess over gauge hole or caliper log if available

- Compressive strength of tail cement: 500 psi @ 7 hours

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The DOGM Roosevelt Field Office shall be notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 9-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with the DOGM within 30 days after the work is completed. This report must include the following information:



Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated to the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to  $\pm 1000'$  with air/mist system. The air rig is equipped with a 6 1/2" blowline that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in Section 12 of this plan.

From  $\pm 1000'$  to TD, a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 11.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Crescent Point Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 3,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 3,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 3,000 psi minimum
- 11" bore, Blind Ram – rated to 3,000 psi minimum
- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)

- 2 Kill line valves at 2" minimum – one with a check valve
- Kill line at 2" minimum
- 2 Choke line valves at 3" minimum
- Choke line at 3" minimum
- 2 adjustable chokes on manifold
- Pressure gauge on choke manifold

#### 7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to DOGM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 3,000 psi for 10 minutes with a test plug. If rams are to be changed for any reason post drillout, the rams will be tested to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

#### 8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have two independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be one source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

#### 9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 1100'. A cement bond log will be run from PBTD to top of cement. No drill stem testing or coring is planned for this well.

10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

11. Anticipated Starting Date and Duration of Operations

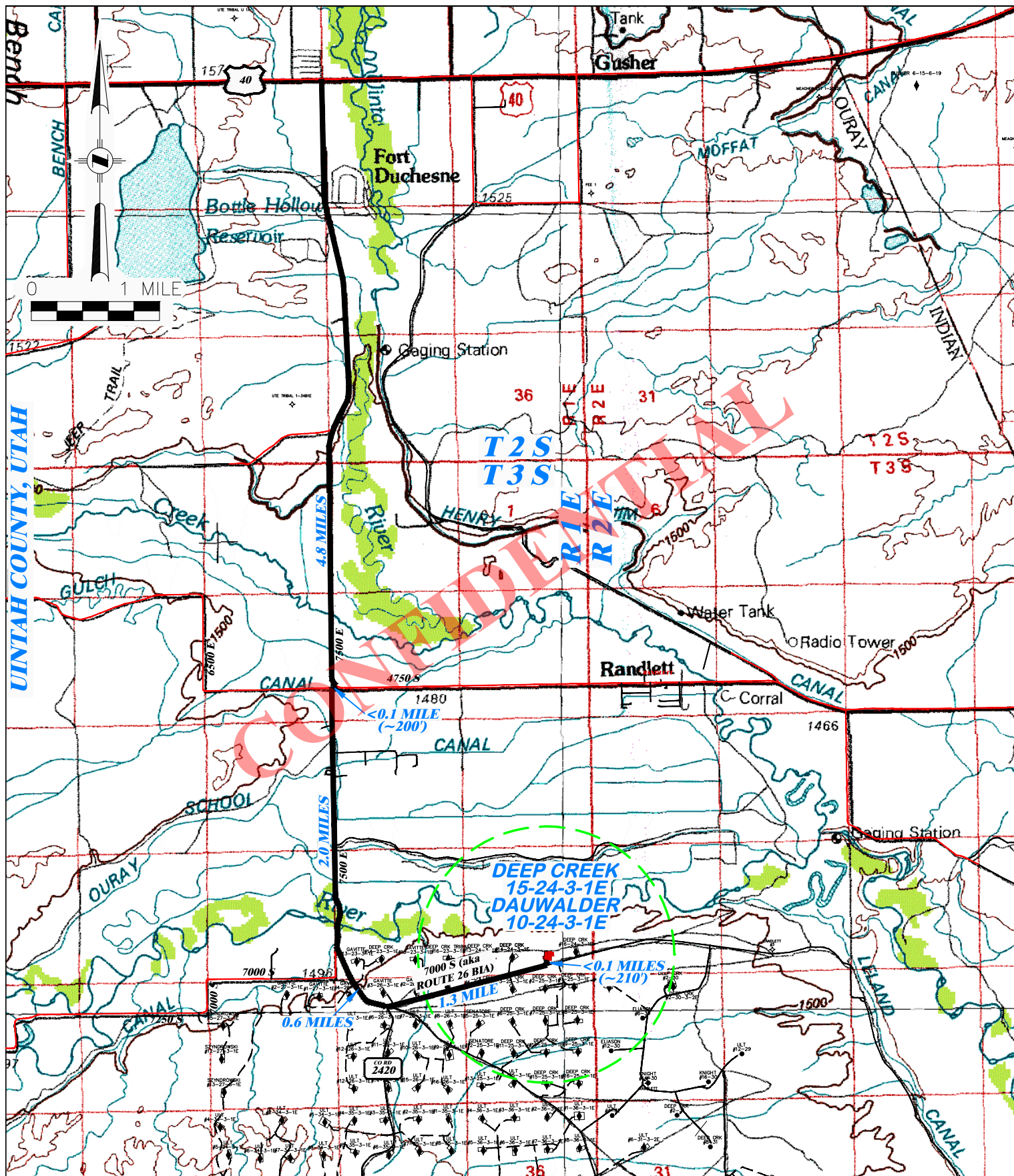
It is anticipated that drilling operations will commence as soon as possible following permit approval and will take approximately ten (10) days from well spud to rig down and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100 ft and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for an Formation Integrity Test (FIT) or a Leak Off Test (LOT)







**DRG RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/11/11 - MMM

SCALE: 1" = MILE

REVISED: 8/30/13 - TMH

DRG JOB No. 18754

ADD NEW PAD

TOPO A

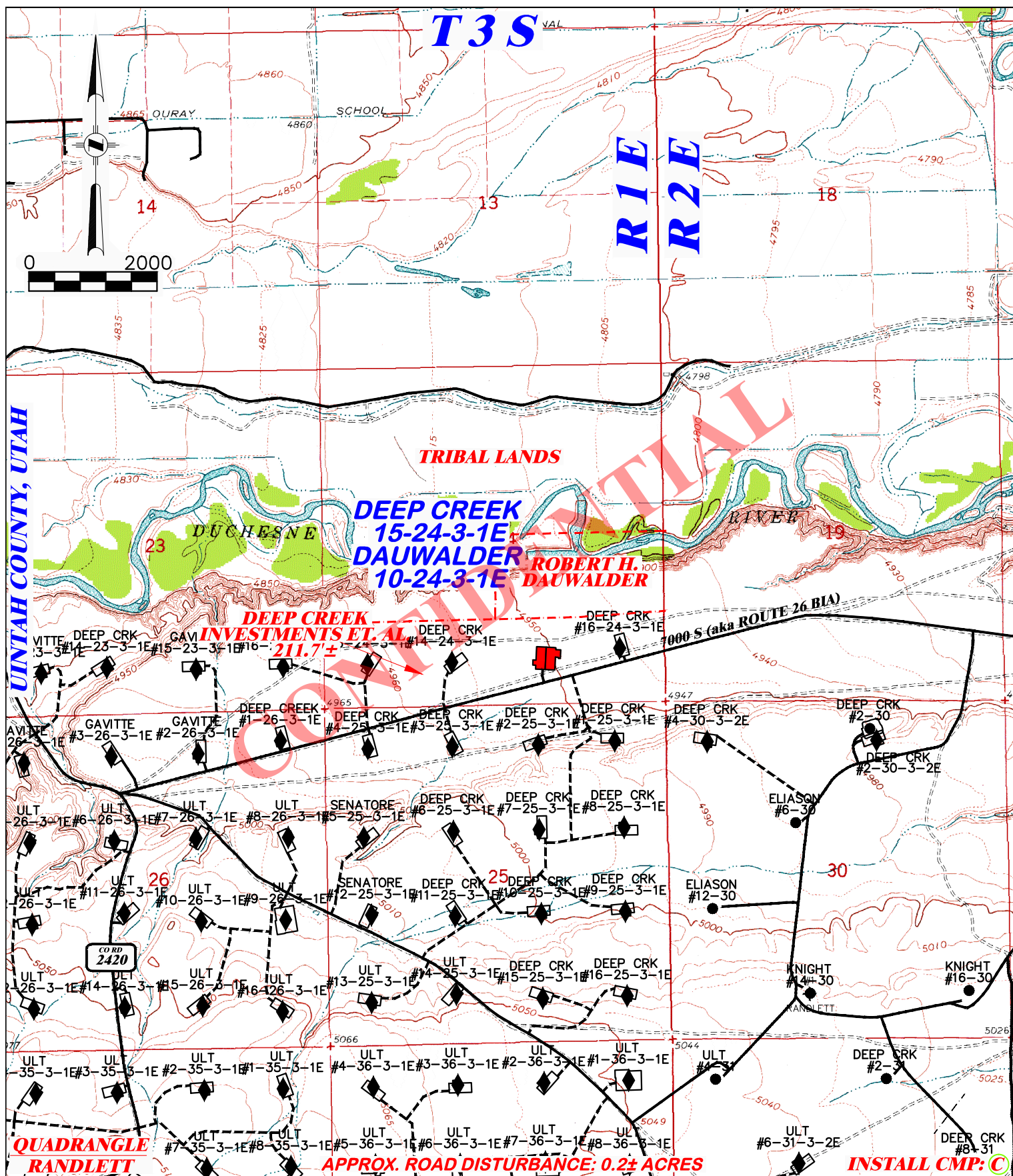
**EXISTING ACCESS FOR  
 CRESCENT POINT ENERGY  
 DEEP CREEK 15-24-3-1E, DAUWALDER  
 10-24-3-1E  
 SECTION 24, T3S, R1E**

PROPOSED ROAD ————

EXISTING ROAD ————

RECEIVED: October 25, 2013





**RIFFIN & ASSOCIATES, INC.**  
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/11/11 - MMM

SCALE: 1" = 2000'

REVISED: 8/30/13 - TMH

DRG JOB No. 18754

ADD PAD

TOPO B

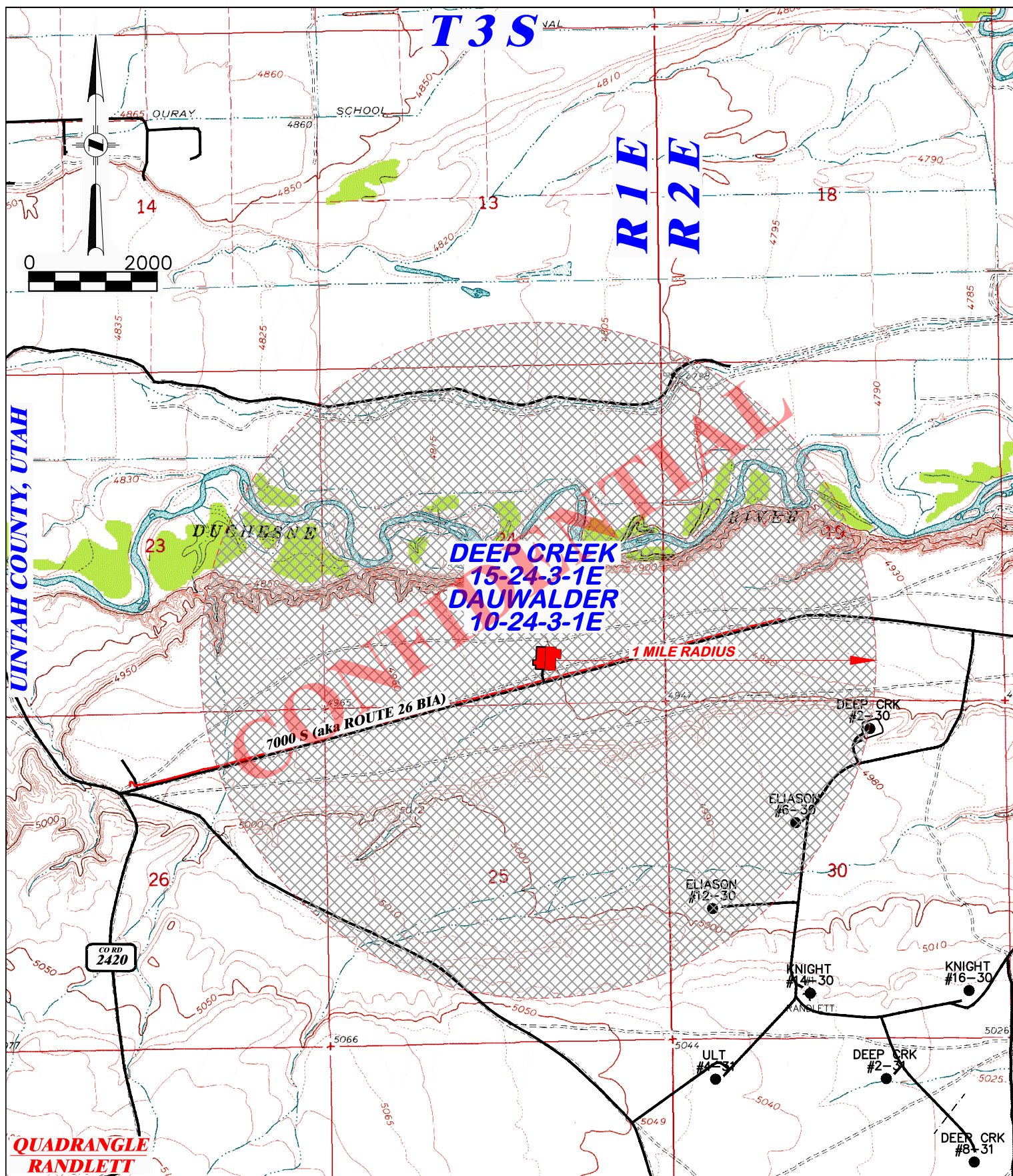
**EXISTING ROAD FOR  
CRESCENT POINT ENERGY  
DEEP CREEK 15-24-3-1E, DAUWALDER 10-24-3-1E  
SECTION 24, T3S, R1E**

TOTAL EXISTING LENGTH: 211.7'±

PROPOSED ROAD ———

EXISTING ROAD ———

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(307) 362-5028

**RIFFIN & ASSOCIATES, INC.**  
 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 4/1/2013 - RAS

SCALE: 1" = 2000'

REVISED: 8/30/13 - TMH

DRG JOB No. 18754

ADD PAD

TOPO C


**ONE MILE RADIUS FOR**  
**CRESCENT POINT ENERGY**  
**DEEP CREEK 15-24-3-1E, DAUWALDER**  
**10-24-3-1E**  
**SECTION 24, T3S, R1E**

PROPOSED ROAD ————

EXISTING ROAD ————

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**DRG**

**RIFFIN & ASSOCIATES, INC.**

**1414 ELK ST., ROCK SPRINGS, WY 82901**

<b>DRAWN: 8/11/11 - MMM</b>	<b>SCALE: 1" = 2000'</b>
<b>REVISED: 8/30/13 - TMH</b>	<b>DRG JOB No. 18754</b>
<b>ADD PAD</b>	<b>TOPO D</b>

***PROPOSED PIPELINE FOR  
CRESCENT POINT ENERGY  
DEEP CREEK 15-24-3-1E, DAUWALDER 10-24-3-1E  
SECTION 24, T3S, R1E***

***TOTAL PROPOSED LENGTH: 157.7'±***

**PROPOSED ROAD**  **EXISTING ROAD** 

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## **Crescent Point Energy**

**Uintah Co., UT**

**Sec.24-T3S-R1E**

**Dauwalder 10-24-3-1E**

**Wellbore #1**

**Plan: Design #2**

## **Standard Planning Report**

**18 September, 2013**

# **Archer**



Project: Uintah Co., UT  
 Site: Sec.24-T3S-R1E  
 Well: Dauwalder 10-24-3-1E  
 Wellbore: Wellbore #1  
 Design: Design #2  
 Latitude: 40° 12' 8.823 N  
 Longitude: 109° 49' 37.240 W  
 Ground Level: 4951.50  
 WELL @ 4951.50usft

# Archer

## PROJECT DETAILS: Uintah Co., UT

Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Utah Central 4302

System Datum: Mean Sea Level

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Dauwalder 10-24-3-1E, True North  
 Vertical (TVD) Reference: WELL @ 4951.50usft  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: WELL @ 4951.50usft  
 Calculation Method: Minimum Curvature

## WELL DETAILS: Dauwalder 10-24-3-1E

Ground Level: 4951.50  
 +N/-S 0.00 +E/-W 0.00 Northing 685158.830 Easting 2467269.894 Latitude 40° 12' 8.823 N Longitude 109° 49' 37.240 W Slot

## DESIGN TARGET DETAILS

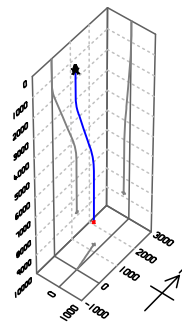
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Dwldr 10-24-3-1E Tgt	8798.00	1276.39	-240.76	40° 12' 21.438 N	109° 49' 40.343 W	Point

## SECTION DETAILS

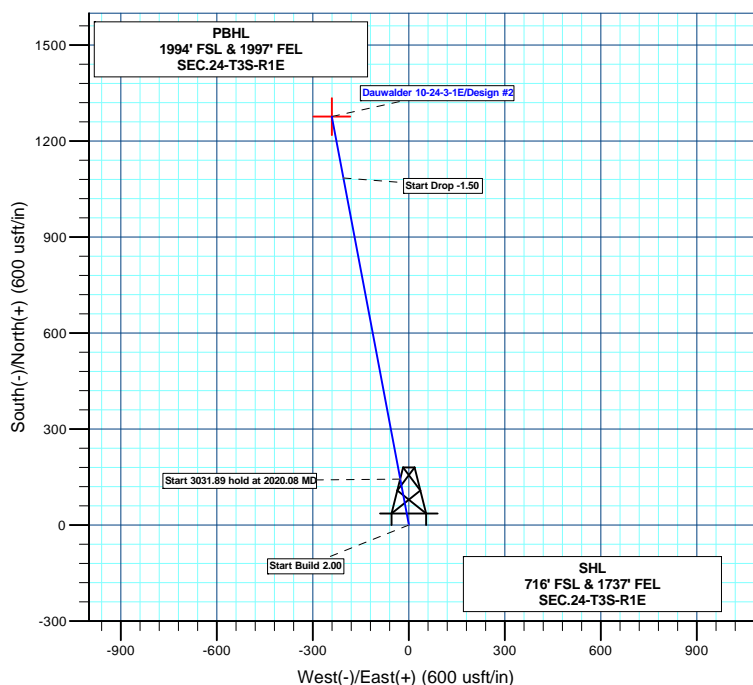
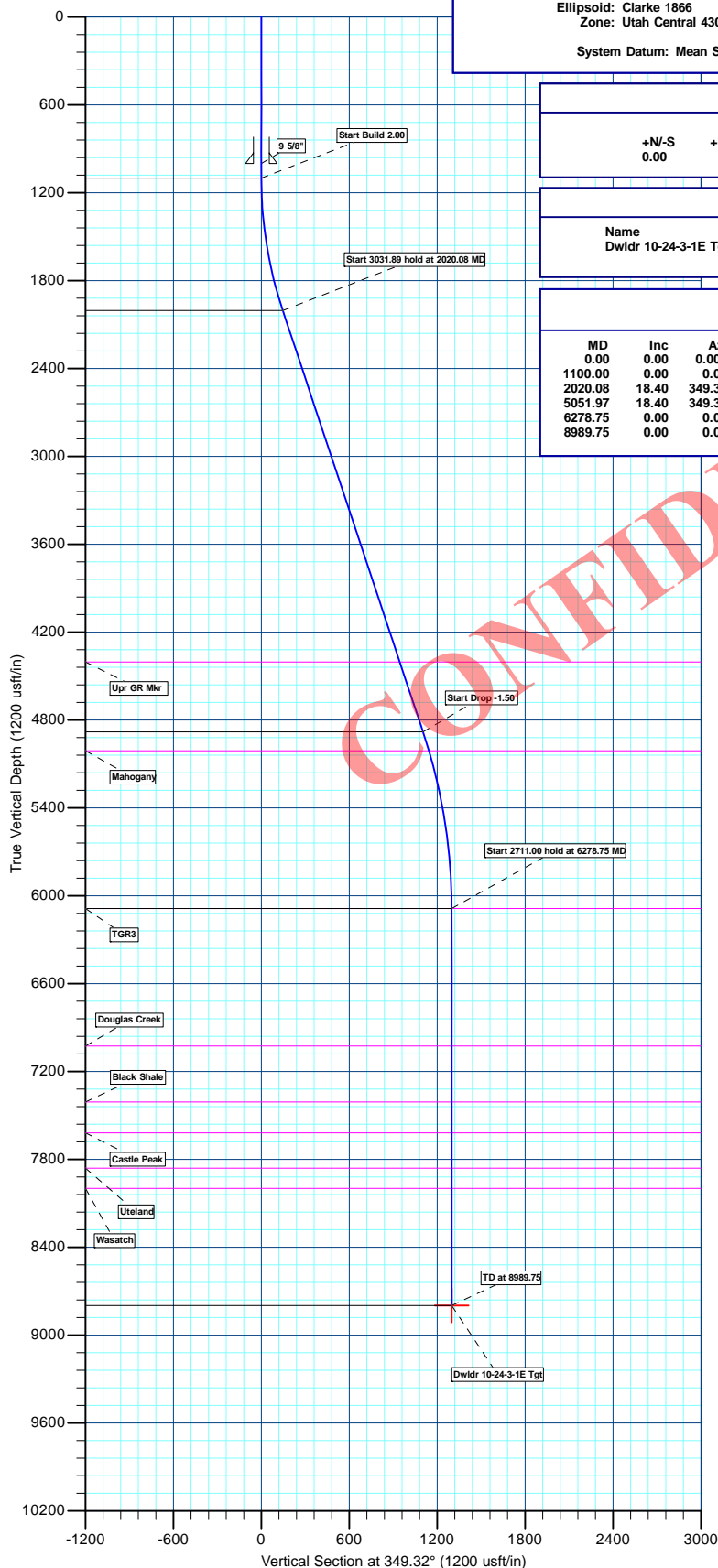
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	Start 3031.89 hold at 2020.08 MD
2020.08	18.40	349.32	2004.35	143.95	-27.15	2.00	349.32	146.49	Start Drop -1.50
5051.97	18.40	349.32	4981.20	1084.46	-204.56	0.00	0.00	1103.58	Start 2711.00 hold at 6278.75 MD
6278.75	0.00	0.00	6087.00	1276.39	-240.76	1.50	180.00	1298.90	TD at 8989.75
8989.75	0.00	0.00	8798.00	1276.39	-240.76	0.00	0.00	1298.90	

## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4404.00	4549.05	Upr GR Mkr
5011.00	5187.98	Mahogany
6087.00	6278.75	TGR3
7027.00	7218.75	Douglas Creek
7408.00	7599.75	Black Shale
7619.00	7810.75	Castle Peak
7860.00	8051.75	Uteland
7998.00	8189.75	Wasatch



**Compass Rose:**  
 T: True North  
 M: Magnetic North  
 Azimuths to True North: 10.96°  
 Magnetic Field Strength: 52178.6snT  
 Dip Angle: 65.91°  
 Date: 2013/08/15  
 Model: IGRF2010



Plan: Design #2 (Dauwalder 10-24-3-1E/Wellbore #1)

Created By: Bret Wolford Date: 9:31, September 18 2013

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<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Dauwalder 10-24-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4951.50usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4951.50usft
<b>Site:</b>	Sec.24-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Dauwalder 10-24-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

<b>Project</b>	Uintah Co., UT		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Sec.24-T3S-R1E		
<b>Site Position:</b>		<b>Northing:</b>	685,302.360 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,468,299.747 usft
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16"
		<b>Latitude:</b>	40° 12' 10.051 N
		<b>Longitude:</b>	109° 49' 23.934 W
		<b>Grid Convergence:</b>	1.07 °

<b>Well</b>	Dauwalder 10-24-3-1E		
<b>Well Position</b>	<b>+N/-S</b>	-124.20 usft	<b>Northing:</b> 685,158.830 usft
	<b>+E/-W</b>	-1,032.36 usft	<b>Easting:</b> 2,467,269.894 usft
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	usft
		<b>Latitude:</b>	40° 12' 8.823 N
		<b>Longitude:</b>	109° 49' 37.240 W
		<b>Ground Level:</b>	4,951.50 usft

<b>Wellbore</b>	Wellbore #1		
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>
	IGRF2010	2013/08/15	10.96
			<b>Dip Angle (°)</b>
			65.91
			<b>Field Strength (nT)</b>
			52,179

<b>Design</b>	Design #2		
<b>Audit Notes:</b>			
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b> 0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>
	0.00	0.00	0.00
			<b>Direction (°)</b>
			349.32

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,020.08	18.40	349.32	2,004.35	143.95	-27.15	2.00	2.00	0.00	349.32	
5,051.97	18.40	349.32	4,881.20	1,084.46	-204.56	0.00	0.00	0.00	0.00	
6,278.75	0.00	0.00	6,087.00	1,276.39	-240.76	1.50	-1.50	0.00	180.00	
8,989.75	0.00	0.00	8,798.00	1,276.39	-240.76	0.00	0.00	0.00	0.00	Dwldr 10-24-3-1E Tgt

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Dauwalder 10-24-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4951.50usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4951.50usft
<b>Site:</b>	Sec.24-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Dauwalder 10-24-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9 5/8"</b>									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.00</b>									
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start 3031.89 hold at 2020.08 MD</b>									
2,020.08	18.40	349.32	2,004.35	143.95	-27.15	146.49	2.00	2.00	0.00
<b>Upr GR Mkr</b>									
4,549.05	18.40	349.32	4,404.00	928.45	-175.13	944.82	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
5,051.97	18.40	349.32	4,881.20	1,084.46	-204.56	1,103.58	0.00	0.00	0.00
<b>Mahogany</b>									
5,187.98	16.36	349.32	5,011.00	1,124.38	-212.09	1,144.21	1.50	-1.50	0.00
<b>Start 2711.00 hold at 6278.75 MD - TGR3</b>									
6,278.75	0.00	0.00	6,087.00	1,276.39	-240.76	1,298.90	1.50	-1.50	0.00
<b>Douglas Creek</b>									
7,218.75	0.00	0.00	7,027.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00
<b>Black Shale</b>									
7,599.75	0.00	0.00	7,408.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00
<b>Castle Peak</b>									
7,810.75	0.00	0.00	7,619.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00
<b>Uteland</b>									
8,051.75	0.00	0.00	7,860.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00
<b>Wasatch</b>									
8,189.75	0.00	0.00	7,998.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00
<b>TD at 8989.75 - Dwldr 10-24-3-1E Tgt</b>									
8,989.75	0.00	0.00	8,798.00	1,276.39	-240.76	1,298.90	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Dwldr 10-24-3-1E Tgt	0.00	0.00	8,798.00	1,276.39	-240.76	686,430.492	2,467,005.303	40° 12' 21.438 N	109° 49' 40.343 W
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,000.00	1,000.00	9 5/8"	9-5/8	12-1/4	

<b>Database:</b>	EDMDBBW	<b>Local Co-ordinate Reference:</b>	Well Dauwalder 10-24-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4951.50usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4951.50usft
<b>Site:</b>	Sec.24-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Dauwalder 10-24-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #2		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,549.05	4,404.00	Upr GR Mkr		0.00		
5,187.98	5,011.00	Mahogany		0.00		
6,278.75	6,087.00	TGR3		0.00		
7,218.75	7,027.00	Douglas Creek		0.00		
7,599.75	7,408.00	Black Shale		0.00		
7,810.75	7,619.00	Castle Peak		0.00		
8,051.75	7,860.00	Uteland		0.00		
8,189.75	7,998.00	Wasatch		0.00		

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,100.00	1,100.00	0.00	0.00	Start Build 2.00	
2,020.08	2,004.35	143.95	-27.15	Start 3031.89 hold at 2020.08 MD	
5,051.97	4,881.20	1,084.46	-204.56	Start Drop -1.50	
6,278.75	6,087.00	1,276.39	-240.76	Start 2711.00 hold at 6278.75 MD	
8,989.75	8,798.00	1,276.39	-240.76	TD at 8989.75	



**MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS**

Todd Kalstrom is the Vice President of Land for Ute Energy LLC and Ute Energy Upstream Holdings LLC, authorized to do business in Utah (hereinafter referred to as "Ute Energy"). Ute Energy owns, operates and manages oil and gas interests in Uintah and Duchesne Counties, Utah.

WHEREAS, that certain Surface Use Agreement and Grant of Easements ("Agreement") dated effective April 28th, 2011 has been entered into by and between Deep Creek Investments, whose address is c/o Lee M. Smith, General Partner, 2400 Sunnyside, Salt Lake City, Utah 84108 ("Owner") and Ute Energy Upstream Holdings LLC, whose address is 1875 Lawrence Street, Suite 200, Denver, CO 80202 ("Operator").

WHEREAS, as of the date referenced above, this Agreement replaces in all respect the two existing agreements covering a portion of the Property listed below and made and entered into between Flying J Oil and Gas Inc., a Utah corporation and Deep Creek Investments, and found at Entry Number 2006009941 and Entry Number 2008007508 of the Uintah County Recorder's Office in Uintah County, Utah.

WHEREAS, Owner owns the surface estate of the real property in Uintah County, Utah (the "Property"), legally described as:

**Township 4 South, Range 2 East, USM**

Section 4: Lots 3, 4, 5, 6 (containing 165.53 acres)  
Section 5: NW/4

**Township 3 South, Range 1 East, USM**

Section 23: E/2SE/4, SE/4SW/4  
Section 24: S/2S/2  
Section 25: NE/4SW/4, SE/4NW/4, N/2NW/4, E/2  
Section 26: NE/4NE/4

**Township 3 South, Range 2 East, USM**

Section 19: SW/4  
Section 20: SW/4, SW/4SE/4  
Section 28: W/2SW/4, SW/4NW/4  
Section 29: E/2  
Section 30: Lots 1, 2, 3, E/2NW/4, NE/4SW/4, N/2NE/4  
Section 31: NE/4, S/2SE/4  
Section 32: SW/4, NE/4  
Section 33: NW/4

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of wells ("Well Pads") on the Property. Ute Energy, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads for the purposes of drilling, completing, producing, maintaining, and operating Wells to produce oil, gas and associated hydrocarbons produced from the Property, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market the oil, gas and associated hydrocarbons.

WHEREAS, Operator has the right to a non-exclusive access easement ("Road Easement") on the Property for ingress and egress by Operator and its employees, contractors, sub-contractors, agents, and business invitees as needed to conduct oil and gas operations.

WHEREAS, Operator, its employees, contractors, sub-contractors, agents and business invitees has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and gas production.

WHEREAS, this Agreement shall run with the land and be binding upon and inure to the benefit of the parties and their respective heirs, successors and assigns as stated in this Agreement.

THEREFORE, Operator is granted access to the surface estate and the Agreement constitutes a valid and binding surface use agreement as required under Utah Admin. Code Rule R649-3-34(7).



Entry 2011003144  
Book 1231 Page 578

This Memorandum is executed this 28<sup>th</sup> day of April, 2011.

Todd Kalstrom  
Vice President of Land

## ACKNOWLEDGEMENT

STATE OF COLORADO) } ss  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me by Todd Kalstrom, Vice President of Land for Ute Energy LLC and Ute Energy Upstream Holdings LLC this 28th day of April, 2011.

Notary Public

Notary Seal:

My Commission expires:

Date September 15, 2014

**KARI QUARLES**  
NOTARY PUBLIC, STATE OF COLORADO  
My Comm. Expires September 15, 2014

Entry 2011003144  
Book 1231 Page 577-578 \$25.00  
29-APR-11 03:56  
RANDY SIMMONS  
RECORDER, UTAH COUNTY, UTAH  
UTE ENERGY LLC ATTN FELICIA GATES-M  
PO BOX 789 FT DUCHESNE, UT 84026  
Rec By: SYLENE ACCUTTAROOP , DEPUTY

**CONFIDENTIAL**

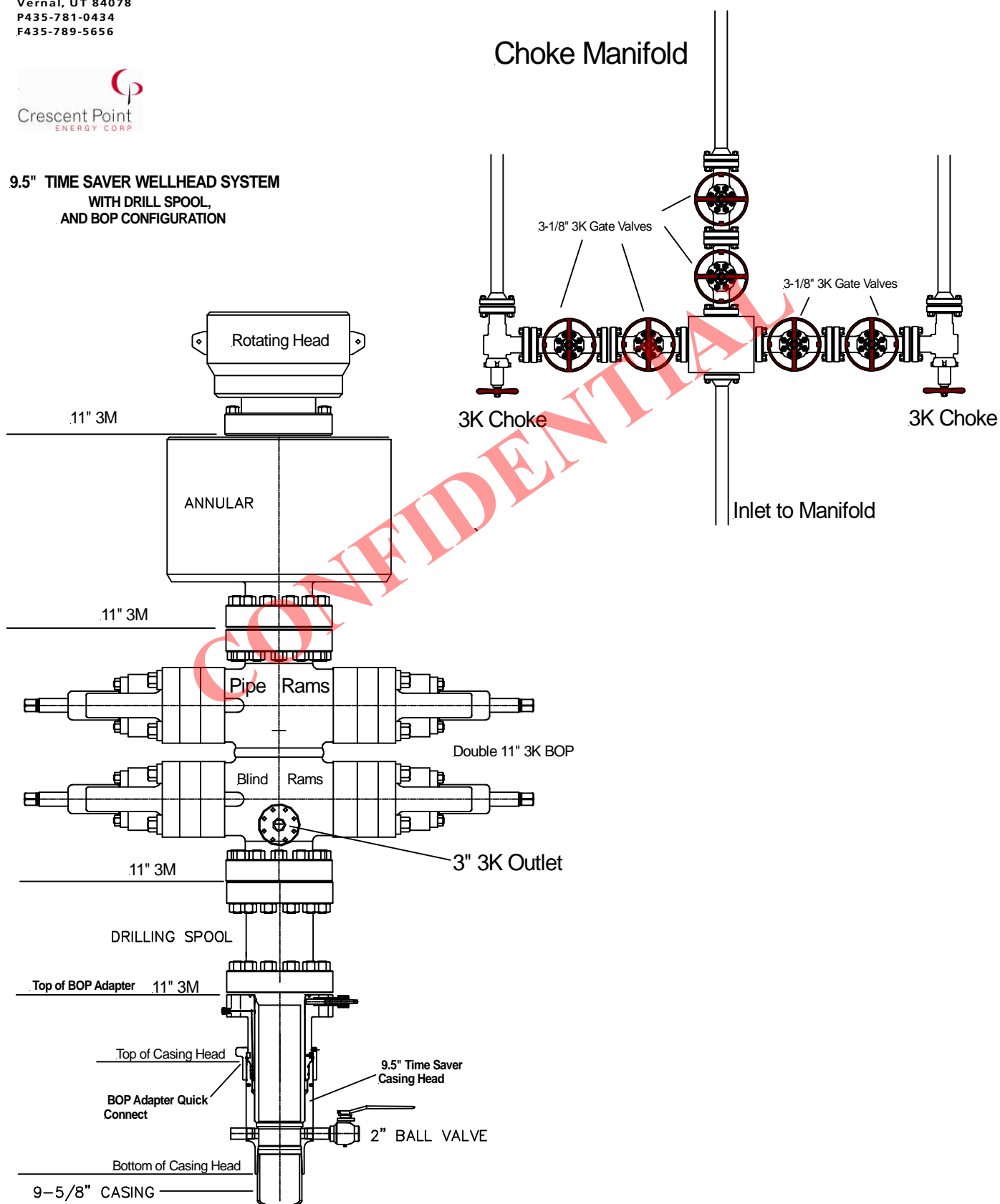


519 E. 300 S.  
Vernal, UT 84078  
P435-781-0434  
F435-789-5656

Oct, 18, 2013



**9.5" TIME SAVER WELLHEAD SYSTEM  
WITH DRILL SPOOL,  
AND BOP CONFIGURATION**







555 17<sup>th</sup> Street, Suite 750  
Denver, CO 80202  
Phone: (720) 880-3610

February 7, 2014

State of Utah Division of Oil, Gas and Mining  
Attention: Diana Mason  
1594 West North Temple  
Salt Lake City, UT 84116

**RE: Directional Drilling (R649-3-11) & Exception Location Request (R649-3-3)  
Daulwalder 10-24-3-1E**

*Surface Location: SW/SE of Section 24, T3S, R1E*

*716' FSL & 1,737' FEL*

*Target Location: NW/SE of Section 24, T3S, R1E*

*1,994' FSL & 1,997' FEL*

*UBS&M, Uintah County, Utah*

Dear Ms. Mason:

Pursuant to the filing of Crescent Point Energy U.S. Corp's (Crescent Point) Application for Permit to Drill regarding the above referenced well, and in accordance with Oil & Gas Conservation Rules R649-3-11 and R649-3-3, we are hereby submitting this letter as notice of our intention to directionally drill the captioned well and request that DOGM administratively grant an exception location for the Daulwalder 10-24-3-1E.

- Crescent Point is permitting the Daulwalder 10-24-3-1E as a directional well. The surface location was moved outside the legal window from the center of the quarter quarter to avoid wetlands. The well will be drilled directionally from the approved Deep Creek 15-24-3-1E location.
- Crescent Point has obtained written consent from 100% of the oil and gas owners within a 460' radius of the intended wellbore.

Therefore, based on the above stated information, Crescent Point requests the permit be granted pursuant to R649-3-11 and R649-3-3. If you have any questions or require further information, please contact the undersigned at 720-880-3600 or by email at [lbrowne@crescentpointenergy.com](mailto:lbrowne@crescentpointenergy.com) or [rwaller@crescentpointenergy.com](mailto:rwaller@crescentpointenergy.com). Your consideration in this matter is greatly appreciated.

Sincerely,  
Crescent Point Energy U.S. Corp

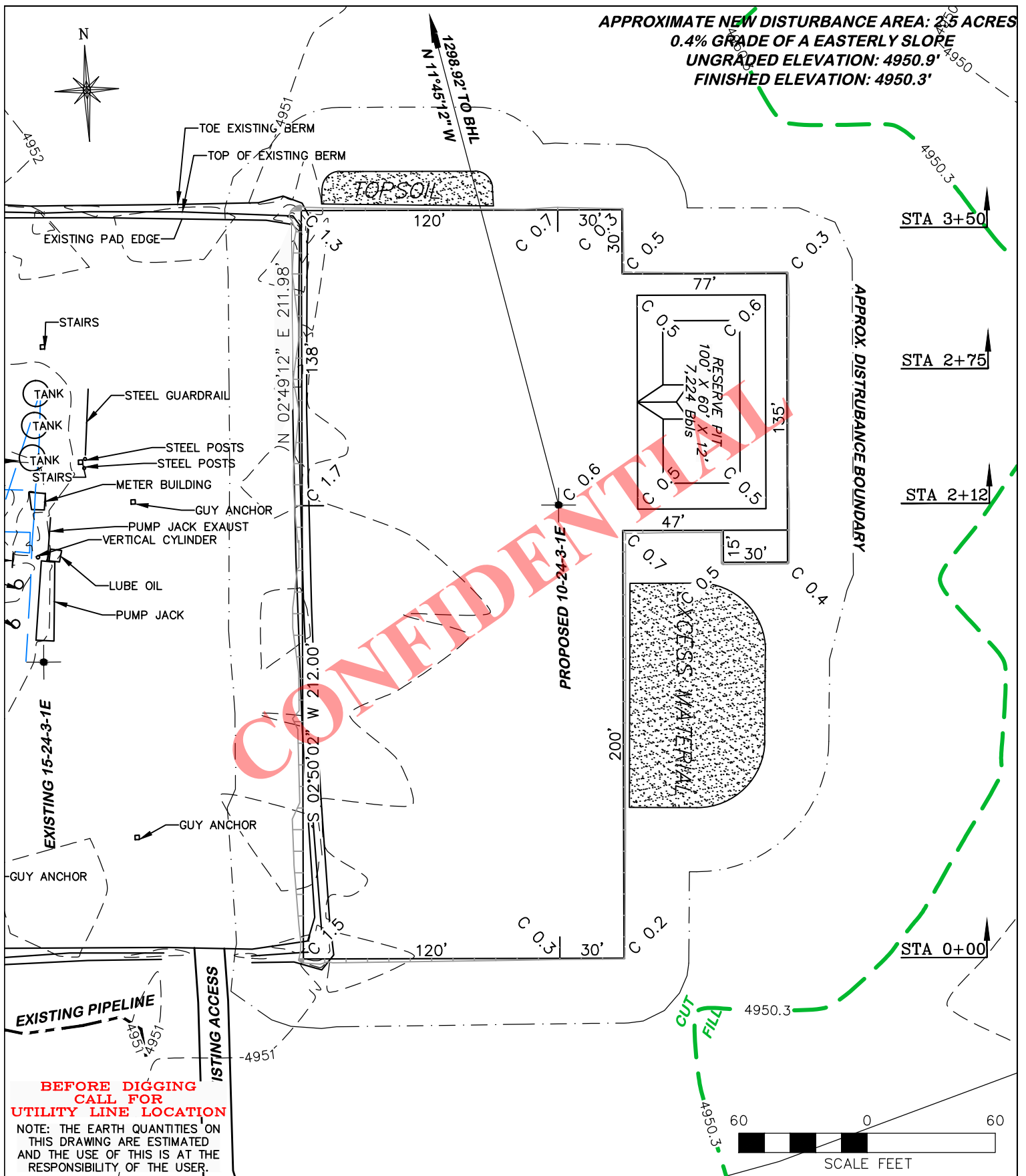
*Lori Browne*

Lori Browne  
Senior Regulatory Specialist

*Ryan Waller*

Ryan Waller  
Landman

RECEIVED: February 07, 2014



**DRG RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/13 - TMH

SCALE: 1" = 60'

REVISED: NA

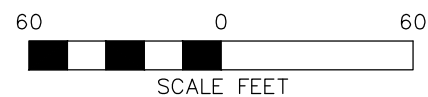
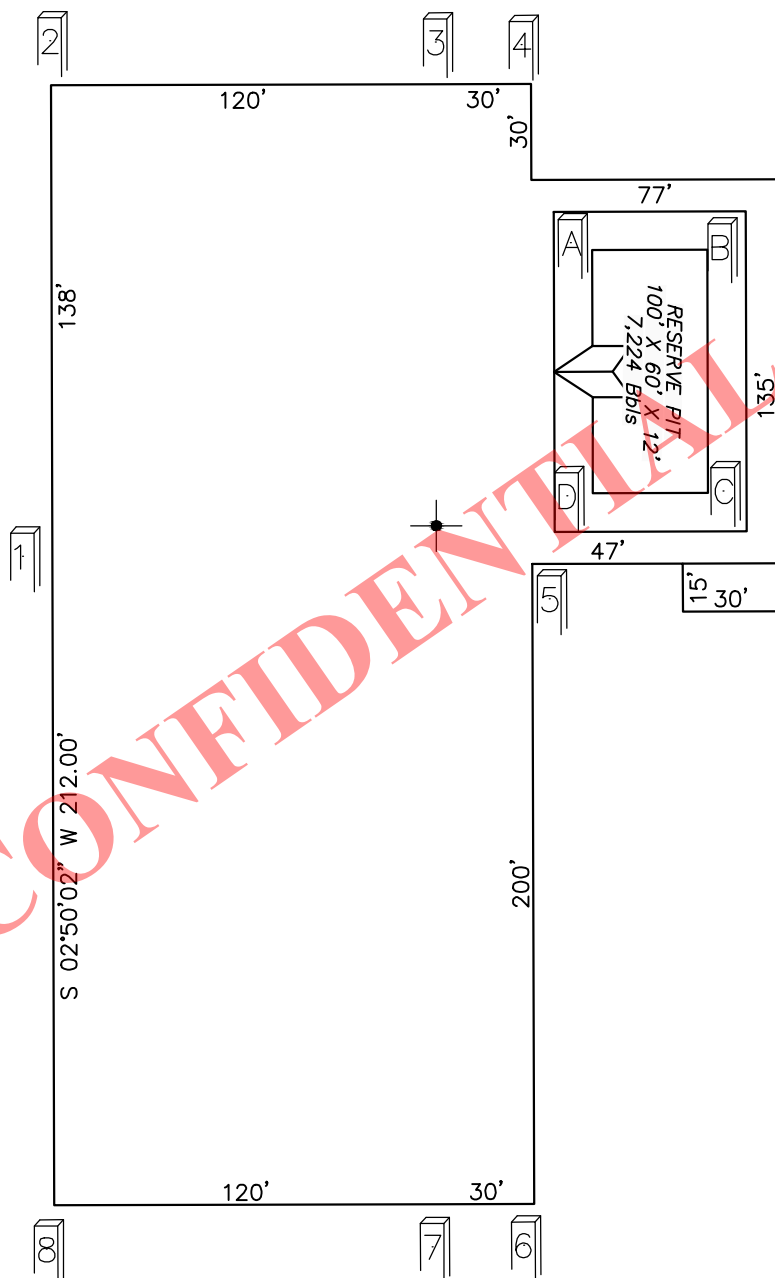
DRG JOB No. 18754

FIGURE #1

**CRESCENT POINT ENERGY**  
**DEEP CREEK 15-24-3-1E, DAUWALDER**  
**10-24-3-1E**  
**SECTION 21, T3S, R1E**

**UNGRADED ELEVATION: 4950.9'**  
**FINISHED ELEVATION: 4950.3'**

RECEIVED: October 25, 2013



**DRG** **RIFFIN & ASSOCIATES, INC.**  
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/13 - TMH

SCALE: 1" = 60'

REVISED: NA

DRG JOB No. 18754

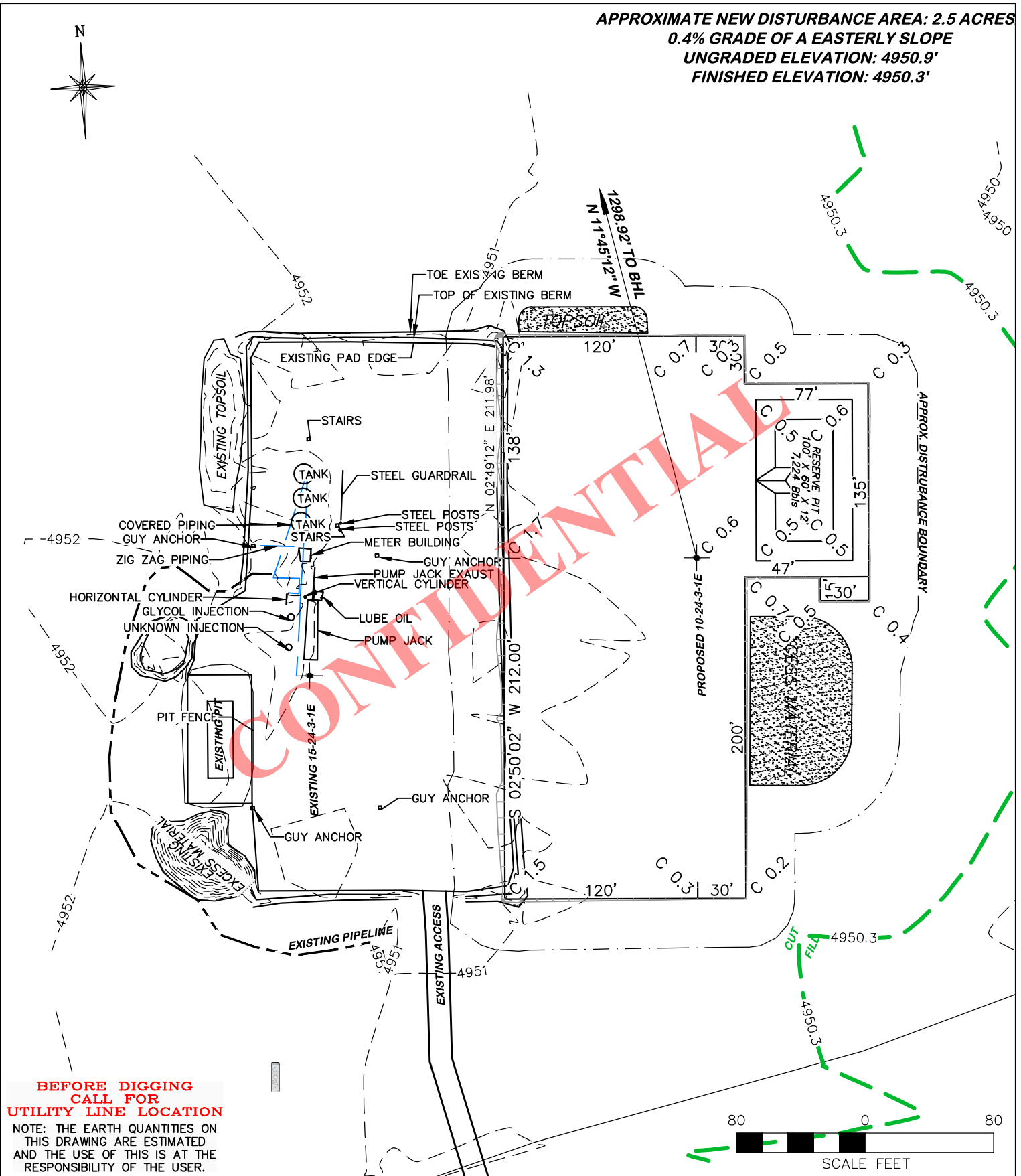
FIGURE #1A

**CRESCENT POINT ENERGY**  
**DEEP CREEK 15-24-3-1E, DAUWALDER**  
**10-24-3-1E**  
**SECTION 21, T3S, R1E**

UNGRADED ELEVATION: 4950.9'  
FINISHED ELEVATION: 4950.3'

RECEIVED: October 25, 2013

**APPROXIMATE NEW DISTURBANCE AREA: 2.5 ACRES**  
**0.4% GRADE OF A EASTERLY SLOPE**  
**UNGRADED ELEVATION: 4950.9'**  
**FINISHED ELEVATION: 4950.3'**



**DRG** **RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/13 - TMH

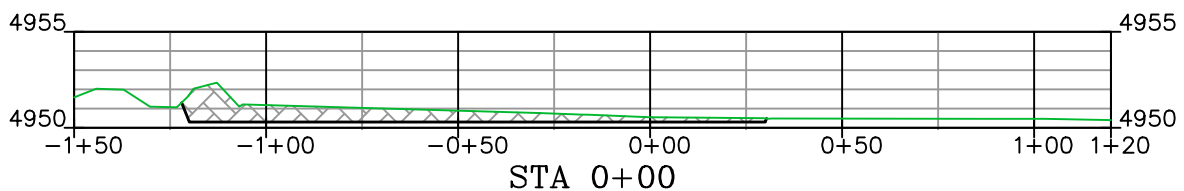
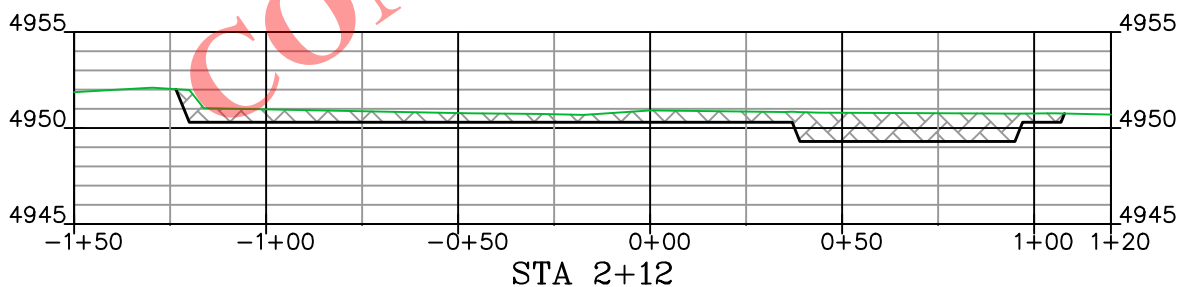
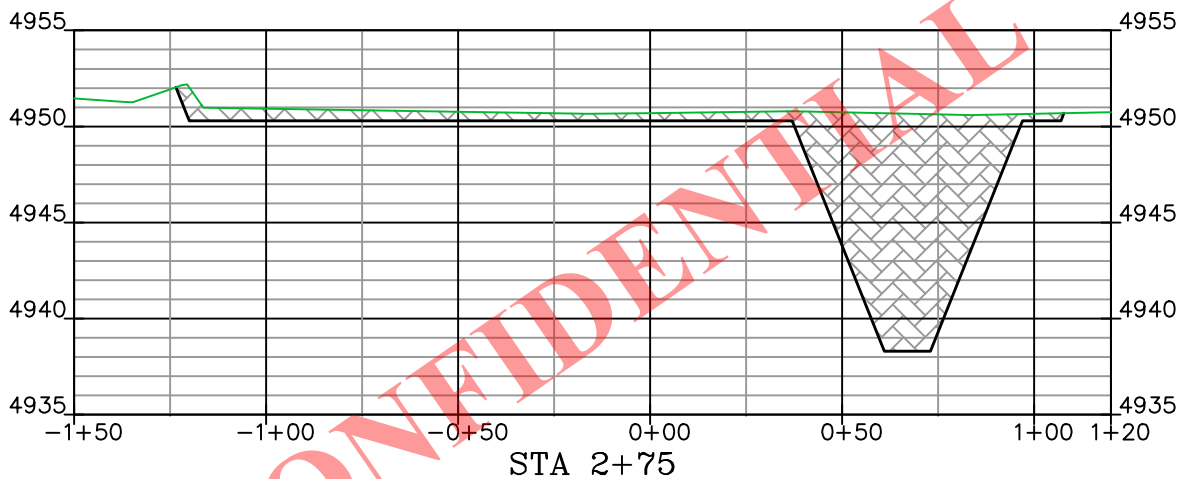
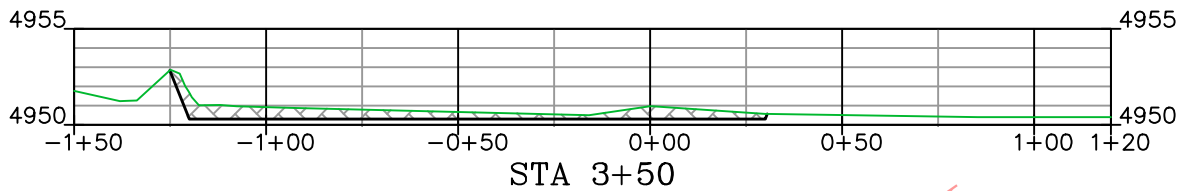
SCALE: 1" = 80'

REVISED: NA

DRG JOB No. 18754

FIGURE #1B

RECEIVED: October 25, 2013



**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/13 - TMH

HORZ. 1" = 50' VERT. 1" = 10'

REVISED: NA

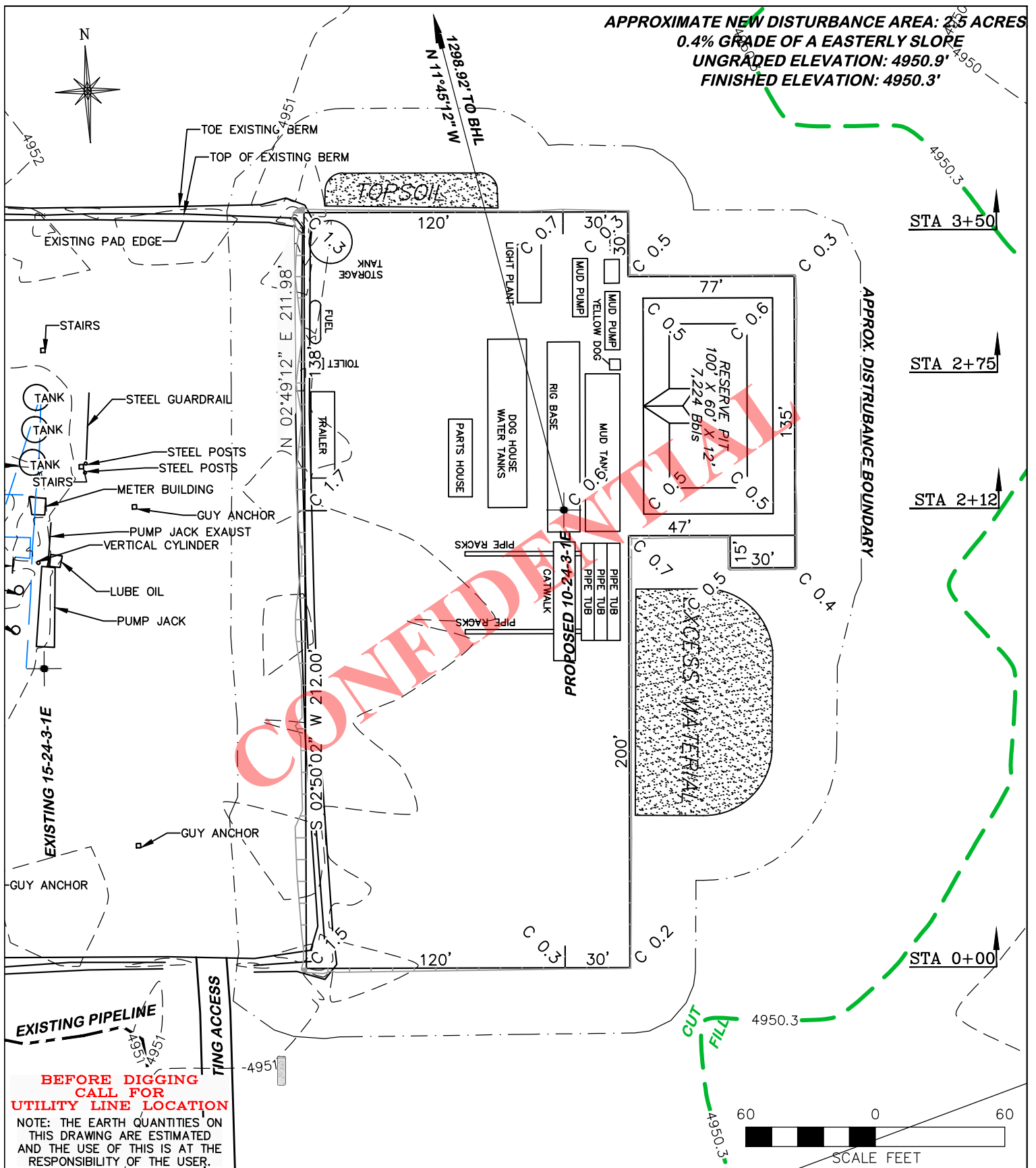
DRG JOB No. 18754

FIGURE #2

**CRESCENT POINT ENERGY**  
**DEEP CREEK 15-24-3-1E, DAUWALDER**  
**10-24-3-1E**  
**SECTION 21, T3S, R1E**

UNGRADED ELEVATION: 4950.9'  
 FINISHED ELEVATION: 4950.3'

RECEIVED: October 25, 2013



**DRG** **RIFFIN & ASSOCIATES, INC.**  
 1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 362-5028

DRAWN: 8/30/13

SCALE: 1" = 60'

REVISED: NA

DRG JOB No. 18754

FIGURE #3

















**CRESCENT POINT ENERGY**  
**DEEP CREEK 15-24-3-1E, DAUWALDER 10-24-3-1E**  
**SECTION 21, T3S, R1E**

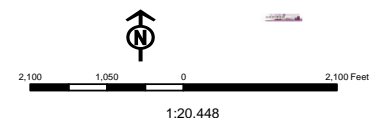
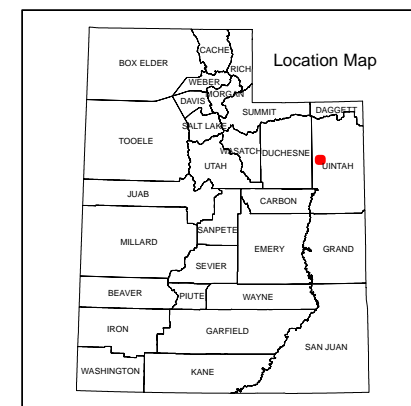
**ESTIMATED EARTHWORK**

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	1317 CY	0 CY	1181 CY	136 CY
PIT	1941 CY			1941 CY
TOTALS	3258 CY	0 CY	1181 CY	2077 CY

RECEIVED: October 25, 2013

Operator: CRESCENT POINT ENERGY U.S. CORP

Wells Query		Units
Status		STATUS
	APD - Approved Permit	ACTIVE
	DRL - Spudded (Drilling Commenced)	EXPLORATORY
	GIW - Gas Injection	GAS STORAGE
	GS - Gas Storage	NF PP OIL
	LOC - New Location	NF SECONDARY
	OPS - Operation Suspended	PI OIL
	PA - Plugged Abandoned	PP GAS
	PGW - Producing Gas Well	PP GEOTHERMAL
	PQW - Producing Oil Well	PP OIL
	SGW - Shut-In Gas Well	SECONDARY
	SOW - Shut-In Oil Well	TERMINATED
	TA - Temp. Abandoned	
	OW - Test Well	
	WDW - Water Disposal	
	WW - Water Injection Well	
	WSW - Water Supply Well	





Well Name	CRESCENT POINT ENERGY U.S. CORP Daulwalder 10-24-3-1E 43047			
String	Cond	Surf	Prod	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	40	1000	8798	
Previous Shoe Setting Depth (TVD)	0	40	1000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	3520	7740	
Operators Max Anticipated Pressure (psi)	4575		10.0	

Calculations	Cond String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	17	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	12	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	8	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8	NO
Required Casing/BOPE Test Pressure=		40	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES air/mist
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	221	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		40	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4575	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3519	NO 3M ram type BOPE, 3M annular, kill lines
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2639	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2859	NO Reasonable
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient



# 43047540720000 Daulwalder 10-24-3-1E

## Casing Schematic

Surface

TOC @  
0.

TOC @  
0.

Winta

9-5/8"  
MW 8.3  
Frac 19.3

Surface  
1000. MD  
1000. TVD

2300' ± BMSW

4404' Upper Green River mkr.

5011' Mahogany

6041' tail

6087' Garden Gulch (TGR<sub>3</sub>)

7027' Douglas Creek

7408' Black Shale

7619' Castle Peak

7860' Uteband

7998' Wasatch

5-1/2"  
MW 10.

Production  
8990. MD  
8798. TVD

716 SL 1737 EL  
1276 -241  
1992 FSL 1978 FEL ✓

NW SE Sec 24-3S-1E

✓ Strip cmts

CONFIDENTIAL

Well name:	<b>43047540720000 Daulwalder 10-24-3-1E</b>	
Operator:	<b>CRESCENT POINT ENERGY U.S. CORP</b>	
String type:	Surface	Project ID: 43-047-54072
Location:	UINTAH COUNTY	

**Design parameters:****Collapse**

Mud weight: 8.300 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 88 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 399 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 519 psi  
  
Annular backup: 1.50 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 877 ft

**Non-directional string.****Re subsequent strings:**

Next setting depth: 1,000 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 519 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,000 ft  
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	8690
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	431	2020	4.686	441	3520	7.97	31.6	394	12.48 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Mining

Phone: 801-538-5357  
FAX: 801-359-3940

Date: December 26, 2013  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43047540720000 Daulwalder 10-24-3-1E</b>	
Operator:	<b>CRESCENT POINT ENERGY U.S. CORP</b>	
String type:	Production	Project ID: 43-047-54072
Location:	UINTAH COUNTY	

**Design parameters:****Collapse**

Mud weight: 10.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 197 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,000 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 2,635 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,571 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Tension is based on buoyed weight.  
Neutral point: 7,656 ft

**Directional Info - Build & Drop**

Kick-off point 1100 ft  
Departure at shoe: 1299 ft  
Maximum dogleg: 2 °/100ft  
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8990	5.5	17.00	E-80	LT&C	8798	8990	4.767	296670
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4571	6290	1.376	4571	7740	1.69	126.9	320	2.52 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: December 26, 2013  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8798 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

*Engineering responsibility for use of this design will be that of the purchaser.*

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** CRESCENT POINT ENERGY U.S. CORP  
**Well Name** Daulwalder 10-24-3-1E  
**API Number** 43047540720000 **APD No** 8837 **Field/Unit** RANDLETT  
**Location: 1/4,1/4 SWSE Sec 24 Tw 3.0S Rng 1.0E 716 FSL 1737 FEL**  
**GPS Coord (UTM)** 599769 4450883 **Surface Owner** Deep Creek Investments

### **Participants**

Ted Smith-DOGM, Bryan Foote, Mike Wock, Phillip Taufa-Crescent Point Energy, Don Hamilton Star Point Enterprises, Allen Smith-Landowner, Mark Hecksel-D.R. Griffin and Associates

### **Regional/Local Setting & Topography**

The general area is on Leland Bench, which is located about 8 miles southeast of Ft. Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize Leland Bench. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 1.5 miles to the north. All lands in the immediate are privately owned. Ute Tribal lands lie to the northeast and southwest.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 19 miles. Approximately 0.03 miles of low standard new road will be constructed to reach the location. Using a 15" culvert at the road intersection.

The proposed Daulwalder 10-24-3-1E oil well is on a flat with a slight slope to the east. A rise or higher level occurs approximately 3/4 mile to the south. Both the surface and minerals are privately owned. Lee Smith of Deep Creek Investments own the surface. Mr. Smith was contacted by telephone and invited to attend the pre-site visit. He said he would not attend. His brother Alan Smith attended and relayed no concerns to him. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well. It is located next to the existing 15-24-3-1E pad and well.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing  
Wildlife Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.03	<b>Width 150 Length 350</b>	Onsite	ALLU

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Vegetation is a fair desert shrub-forb type. Main plants are horse-brush, Gardner salt-brush, broom snakeweed, bud sagebrush, black sagebrush, cheatgrass, curly mesquite grass, prickly pear, globe mallow, squirrel tail and annual forbs.

Because of the lack of water and cover the area is not rich in fauna. Antelope, coyotes, prairie dogs and small mammals and rodents occur. Some shrub dependent birds may occur but were not observed. Historically but not currently sheep grazed the area. Cattle currently graze the area.

### Soil Type and Characteristics

Soils are a deep sandy loam with little rock.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

### Reserve Pit

Site-Specific Factors		Site Ranking
<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Unknown	10
<b>Final Score</b>		25 3 Sensitivity Level

### Characteristics / Requirements

A 100' x 60' x 12' deep reserve pit is planned in a cut on the northeast corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area. But operator says will install underlayment. Flare pit 15' x 30' x 5'

**Closed Loop Mud Required?** N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

**Other Observations / Comments**

Lee Smith was contacted by telephone and invited to attend the pre-site visit. He said he would not attend. His brother Alan Smith attended and relayed no concerns to him.

Ted Smith  
**Evaluator**

11/14/2013  
**Date / Time**

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# Application for Permit to Drill

## Statement of Basis

### Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8837	43047540720000	LOCKED	OW	P	No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Deep Creek Investments	
Well Name	Daulwalder 10-24-3-1E		Unit		
Field	RANDLETT		Type of Work	DRILL	
Location	SWSE 24 3S 1E U 716 FSL 1737 FEL GPS Coord (UTM) 599768E 4450880N				

#### Geologic Statement of Basis

Crescent Point proposes to set 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,300'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 24. Depth is listed as 15 feet. Listed use is irrigation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Cement for the production string should be brought up above the base of the moderately saline groundwater in order to isolate fresher waters uphole.

Brad Hill  
APD Evaluator

12/18/2013  
Date / Time

#### Surface Statement of Basis

The general area is on Leland Bench, which is located about 8 miles southeast of Ft. Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize Leland Bench. A few rolling hills and slopes leading to higher flats occur. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 1.5 miles to the north. All lands in the immediate are privately owned. Ute Tribal lands lie to the northeast and southwest.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 19 miles. Approximately 0.03 miles of low standard new road will be constructed to reach the location. Using a 15" culvert at the road intersection.

The proposed Daulwalder 10-24-3-1E oil well is on a flat with a slight slope to the east. A rise or higher level occurs approximately 3/4 mile to the south. Both the surface and minerals are privately owned. Lee Smith of Deep Creek Investments owns the surface. Mr. Smith was contacted by telephone and invited to attend the pre-site visit. He said he would not attend. His brother Alan Smith attended and relayed no concerns to him. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well. It is located next to the existing 16-24-3-1E pad and well.

Ted Smith  
Onsite Evaluator

11/14/2013  
Date / Time

**Conditions of Approval / Application for Permit to Drill**

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the east side of the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

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## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/25/2013

API NO. ASSIGNED: 43047540720000

WELL NAME: Daulwalder 10-24-3-1E

OPERATOR: CRESCENT POINT ENERGY U.S. CORP (N3935)

PHONE NUMBER: 720 880-3644

CONTACT: Emily Kate DeGrasse

PROPOSED LOCATION: SWSE 24 030S 010E

Permit Tech Review: ☒

SURFACE: 0716 FSL 1737 FEL

Engineering Review: ☒

BOTTOM: 1994 FSL 1997 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.20239

LONGITUDE: -109.82776

UTM SURF EASTINGS: 599768.00

NORTHINGS: 4450880.00

FIELD NAME: RANDLETT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - LPM9080271☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 437478☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 142-05

Effective Date: 8/24/2011

Siting: 2 WELLS PER 80 ACRES

☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill  
12 - Cement Volume (3) - hmacdonald  
15 - Directional - dmason  
25 - Surface Casing - hmacdonald

RECEIVED: February 11, 2014



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Daulwalder 10-24-3-1E

**API Well Number:** 43047540720000

**Lease Number:** Fee

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 2/11/2014

### Issued to:

CRESCENT POINT ENERGY U.S. CORP, 555 17th Street, Suite 750, Denver, CO 80202

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 142-05. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and

mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> Daulwalder 10-24-3-1E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0716 FSL 1737 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 03.0S Range: 01.0E Meridian: U		<b>9. API NUMBER:</b> 43047540720000
<b>PHONE NUMBER:</b> 720 880-3621 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RANLETT
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/11/2015  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input checked="" type="checkbox"/> <b>APD EXTENSION</b>          OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           Crescent Point Energy US Corp respectfully requests a one-year extension of the state drilling permit for the referenced well.         </div> <div style="width: 35%; text-align: right;"> <p style="color: red; font-weight: bold;">Approved by the January 15, 2015 Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: _____</p> <p style="color: red; font-weight: bold;">By: </p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Kristen Johnson		<b>PHONE NUMBER</b> 303 308-6270
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Technician
<b>DATE</b> 1/14/2015		



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047540720000**

API: 43047540720000

Well Name: Daulwalder 10-24-3-1E

Location: 0716 FSL 1737 FEL QTR SWSE SEC 24 TWNP 030S RNG 010E MER U

Company Permit Issued to: CRESCENT POINT ENERGY U.S. CORP

Date Original Permit Issued: 2/11/2014

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Kristen Johnson

Date: 1/14/2015

Title: Regulatory Technician Representing: CRESCENT POINT ENERGY U.S. CORP



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Daulwalder 10-24-3-1E	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047540720000	
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: RANDLETT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0716 FSL 1737 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 03.0S Range: 01.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/10/2015			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp spud the Daulwalder 10-24-3-1E with  
 PETE MARTIN RIG #17 on 3/10/2015 at 12:00pm.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 11, 2015

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A	DATE 3/10/2015	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> Daulwalder 10-24-3-1E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0716 FSL 1737 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 03.0S Range: 01.0E Meridian: U		<b>9. API NUMBER:</b> 43047540720000
<b>PHONE NUMBER:</b> 720 880-3621 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RANDLETT
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/25/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached drill report for Daulwalder 10-24-3-1E, encompassing all drilling operations to date.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> March 25, 2015		
<b>NAME (PLEASE PRINT)</b> Valari Cray	<b>PHONE NUMBER</b> 303 880-3637	<b>TITLE</b> Drilling And Completion Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/25/2015	



## Daily Drilling Report

Report for: 3/10/2015

Report #: 1.0, DFS: -5.77

Depth Progress:

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00	Date TD Reached (wellbore) 3/23/2015 01:00	Rig Release Date 3/24/2015 11:00		Ground Elevation (ft) 4,950.00	Orig KB Elev (ft) 4,962.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
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Operation At 6am

Operation Next 24hrs

24 Hr Summary

MIRU PETE MARTIN RIG #17 SPUD WELL @12:00 3/10/2015 DRILL 52' KB 24" CONDUCTOR HOLE, RUN &amp; CEMENT 52' KB 16" CONDUCTOR PIPE, CEMENT T/SURF W/15.8 PPG READY MIX

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

## Mud Checks

&lt;depth&gt;ftKB, &lt;dtm&gt;

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

## Drill Strings

BHA #&lt;stringno&gt;, &lt;des&gt;

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
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Nozzles (1/32")

String Length (ft)

Max Nominal OD (in)

String Components

Comment

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1738013US	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
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Target Formation  
WASATCHTarget Depth (ftKB)  
8,774.0

Last Casing String

## Daily Contacts

Job Contact	Mobile

## Rigs

## Capstar Drilling, 329

Contractor  
Capstar DrillingRig Number  
329Rig Supervisor  
JEREMY DEAKINPhone Mobile  
307-315-3247

## 1, Gardner-Denver, PZ-9

Pump #  
1Pwr (hp)  
1,000.0

Rod Dia (in)

Liner Size (in)

Stroke (in)

Vol/Stk OR (b...)

P (psi)

Slow Spd

Strokes (s...)

Eff (%)

## 2, Gardner-Denver, PZ-9

Pump #  
2Pwr (hp)  
1,000.0

Rod Dia (in)

Liner Size (in)

Stroke (in)

Vol/Stk OR (b...)

P (psi)

Slow Spd

Strokes (s...)

Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/12/2015

Report #: 2.0, DFS: -3.77

Depth Progress:

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
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Operation At 6am

Operation Next 24hrs

## 24 Hr Summary

MIRU PRO PETRO RIG #12, DRILL 1072' KB 12 1/4" SURF. HOLE, R/U & RUN 1056' KB 8 5/8" 24# SURF. CSG, CEMENT 8 5/8" SURF CSG W/750 SKS (153 BBLs) 15.8 PPG 1.15 CUFT/SK YIELD CLASS "G" PREMIUM CEMENT, DISPLACE W/64 BBLs FRESH WATER, 43 BBLs GOOD CEMENT T/SURF, STAYED @ SURF, R/D WO DRILLING RIG

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

## Mud Checks

&lt;depth&gt;ftKB, &lt;dtm&gt;

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

## Drill Strings

BHA #&lt;stringno&gt;, &lt;des&gt;

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)			

String Components

Comment

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1738013US	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
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Target Formation  
WASATCHTarget Depth (ftKB)  
8,774.0Last Casing String  
Surface, 1,056.0ftKB

## Daily Contacts

Job Contact	Mobile
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## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
P (psi)	Slow Spd	Strokes (s... Eff (%)

## 2, Gardner-Denver, PZ-9

Pump #	Pwr (hp)	Rod Dia (in)
2	1,000.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/16/2015  
Report #: 3.0, DFS: 0.23  
Depth Progress: 627.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type	Weather GOOD	Temperature (°F) 73.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am DRLG/SLIDE 77/8 PROD HOLE @ 1681	Operation Next 24hrs DRLG/SLIDE 77/8 PROD HOLE WITH MWD
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24 Hr Summary  
MOVE RIG .6 OF A MILE AND RIG UP, NIPPLE UP, WELL HEAD ADAPTER, BOP, KILL LINE, CHOKE AND CHOKE LINE, ROTATING HEAD AND FLOW LINE, TEST BOP, KILL LINE, CHOKE LINE, MANIFOLD, HCR, UPPER AND LOWER KELLY VALVE, BLIND RAMS, PIPE RAMS TESTED @ 3000 PSI, SURFACE CASING AND ANNULAR @ 1500 PSI, PICK UP TOOLS AND SCRIBE, SLIP AND CUT 75', DRILL OUT, DRLG/SLIDE 77/8 PROD HOLE F/1054' T/1681' (672 FPH 112)

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
09:00	12:00	3.00	3.00	1	RIGUP & TEARDOWN	MOVE RIG .6 OF A MILE AND RIG UP
12:00	16:00	4.00	7.00	14	NIPPLE UP B.O.P	NIPPLE UP, WELL HEAD ADAPTER, BOP, KILL LINE, CHOKE AND CHOKE LINE, ROTATING HEAD AND FLOW LINE
16:00	19:00	3.00	10.00	15	TEST B.O.P	TEST BOP, KILL LINE, CHOKE LINE, MANIFOLD, HCR, UPPER AND LOWER KELLY VALVE, BLIND RAMS, PIPE RAMS TESTED @ 3000 PSI, SURFACE CASING AND ANNULAR @ 1500 PSI
19:00	20:00	1.00	11.00	20	DIRECTIONAL WORK	PICK UP TOOLS AND SCRIBE
20:00	21:30	1.50	12.50	9	CUT OFF DRILL LINE	SILIP AND CUT 75'
21:30	22:30	1.00	13.50	6	TRIPS	TRIP IN, TAG CMT @ 955
22:30	00:00	1.50	15.00	22	OPEN	DRILL OUT CMT, FLOAT AND SHOE
00:00	06:00	6.00	21.00	2	DRILL ACTUAL	DRLG/SLIDE 77/8 PROD HOLE F/1054' T/1681' (672' FPH 112)

Mud Checks						
1,056.0ftKB, 3/16/2015 12:00						
Type Water Base	Time 12:00	Depth (ftKB) 1,056.0	Density (lb/gal) 8.45	Funnel Viscosity (s/qt) 27	PV Override (cP) 1.0	YP OR (lb/100ft²) 1.000
Gel 10 sec (lb/100ft²) 1.000	Gel 10 min (lb/100ft²) 1.000	Filtrate (mL/30min) 1.000	Filter Cake (1/32") 1.000	pH 8.5	Sand (%) 0.0	Solids (%) 1.0
MBT (lb/bbl) 0.2	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 600.000	Pf (mL/mL) 0.100	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²) 0.100
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 0.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4500.0	Active Mud Volume (bbl) 318.0		

Drill Strings					
BHA #1, Steerable					
Bit Run 1	Drill Bit 7 7/8in, MDI616, JJ9420	Length (ft) 1.00	IADC Bit Dull 0-0-WT-G-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 69.1
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 247.23		Max Nominal OD (in) 6.500	
String Components SMITH MDI616 PART #65833D0004 S#JJ9420 MDI616, Mud Motor - Bent Housing, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP					
Comment SMITH MDI616 PART #65833D0004 S#JJ9420, MUD MOTOR HUNTING 6.5 1.5 7/8 3.3 .16 , UBHO, NMDC, NMDC					

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf )	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,054.0	1,681.0	627.00	6.00	104.5	413	19	50	958.0	50	55	10,092.0

AFE Number 1738013US	Start Depth (ftKB) 1,054.0	End Depth (ftKB) 1,681.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	

Last Casing String  
Surface, 1,056.0ftKB

Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs	
Capstar Drilling, 329	
Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in) 1.000
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in) 1.000
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Engineering	450.00	1.0
Rental	50.00	1.0
Tax	1.00	3.5

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	





## Daily Drilling Report

Report for: 3/17/2015  
Report #: 4.0, DFS: 1.23  
Depth Progress: 2,130.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type	Weather GOOD	Temperature (°F) 72.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am DRLG/SLIDE 77/8 PROD HOLE @ 3811'	Operation Next 24hrs DRLG/SLIDE 77/8 PROD HOLE WITH MWD
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24 Hr Summary  
DRLG/SLIDE 77/8 PROD HOLE F/1681' T/3811' (2130' FPH 90.6) SURVEY @ 3627' INC 18.70 AZM 348.10, B/G GAS 40U, CONNECTION 258U AND PEAK @3493' 314U, 35% SH, 30 DOLST, 25% SS, AND 10% CLYST

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:30	10.50	10.50	2	DRILL ACTUAL	DRLG/SLIDE 77/8 PROD HOLE F/1681' T/2898' (1217' FPH 116)
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	RIG SERVICE
17:00	06:00	13.00	24.00	2	DRILL ACTUAL	DRLG/SLIDE 77/8 PROD HOLE F/2898' T/3811' (913' FPH 70.2)

Mud Checks						
1,056.0ftKB, 3/17/2015 12:00						
Type Water Base	Time 12:00	Depth (ftKB) 1,056.0	Density (lb/gal) 8.45	Funnel Viscosity (s/qt) 27	PV Override (cP) 1.0	YP OR (lb/100ft²) 1.000
Gel 10 sec (lb/100ft²) 1.000	Gel 10 min (lb/100ft²) 1.000	Filtrate (mL/30min) 0.000	Filter Cake (1/32") 0.000	pH 8.5	Sand (%) 0.0	Solids (%) 1.0
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 600.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 0.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4500.0	Active Mud Volume (bbl) 318.0		

Drill Strings						
BHA #1, Steerable						
Bit Run 1	Drill Bit 7 7/8in, MDI616, JJ9420	Length (ft) 1.00	IADC Bit Dull 0-0-WT-G-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 69.1	

Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 247.23	Max Nominal OD (in) 6.500
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String Components  
SMITH MDI616 PART #65833D0004 S#JJ9420 MDI616, Mud Motor - Bent Housing, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP

Comment  
SMITH MDI616 PART #65833D0004 S#JJ9420, MUD MOTOR HUNTING 6.5 1.5 7/8 3.3 .16, UBHO, NMDC, NMDC

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,681.0	3,811.0	2,757.0 0	29.50	90.6	418	15	64	947.0	92	105	10,10 0.0

AFE Number 1738013US	Start Depth (ftKB) 1,681.0	End Depth (ftKB) 3,811.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	

Last Casing String  
Surface, 1,056.0ftKB

Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs	
Capstar Drilling, 329	
Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)	
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)	
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	23.0
Engineering	450.00	1.0
Hole Seal	21.00	6.0
Liqui Drill	135.00	4.0
Rental	50.00	1.0
Tax	1.00	106.47

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/18/2015  
Report #: 5.0, DFS: 2.23  
Depth Progress: 872.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type	Weather Good	Temperature (°F) 73.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am Drig/Slide 7 7/8 Prod Hole @ 4683' No Mud Losses	Operation Next 24hrs Drig/Slide 7 7/8 Prod Hole
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24 Hr Summary  
Drig/Slide 7 7/8 Prod Hole F/ 3811' T/ 4683' 872' @ 37.91 ft per hr (WOB 14-18 RPM 60-65 GPM 415) Rig Service,  
Circ Bottom Up,BBG 75-90 Conn 251-325 Peak 351 @ 4362' Lithology SH 40% DOLST 35% MRLST 25%

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	13:30	7.50	7.50	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 3811' T/ 4161' 350' @ 46.66
13:30	14:00	0.50	8.00	7	LUBRICATE RIG	Rig Service
14:00	05:30	15.50	23.50	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 4161' T/ 4683' 522' 33.67 ft per hr
05:30	06:00	0.50	24.00	5	COND MUD & CIRC	Circ Bottom Up

## Mud Checks

4,035.0ftKB, 3/18/2015 12:00

Type Water Base	Time 12:00	Depth (ftKB) 4,035.0	Density (lb/gal) 9.00	Funnel Viscosity (s/qt) 38	PV Override (cP) 8.0	YP OR (lb/100ft²) 18.000
Gel 10 sec (lb/100ft²) 15.000	Gel 10 min (lb/100ft²) 25.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 5.0
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 4,000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 0.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4300.0	Active Mud Volume (bbl) 544.0		

## Drill Strings

## BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, MDI616, JJ9420	Length (ft) 1.00	IADC Bit Dull 0-0-WT-G-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 69.1
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 247.23	Max Nominal OD (in) 6.500			

String Components  
SMITH MDI616 PART #65833D0004 S#JJ9420 MDI616, Mud Motor - Bent Housing, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP

Comment  
SMITH MDI616 PART #65833D0004 S#JJ9420, MUD MOTOR HUNTING 6.5 1.5 7/8 3.3 .16 , UBHO, NMDC, NMDC

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,811.0	4,683.0	3,629.0 0	52.50	37.9	418	15	64	1,150.0	89	125	11,500.0

AFE Number 1738013US	Start Depth (ftKB) 3,811.0	End Depth (ftKB) 4,683.0
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Target Formation WASATCH	Target Depth (ftKB) 8,774.0
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Last Casing String  
Surface, 1,056.0ftKB

## Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## 2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite	7.50	58.0
Brine	7.50	320.0
DAP	35.00	47.0
Engineering	450.00	1.0
Liqui Drill	135.00	2.0
Pallet	20.00	2.0
Rental	50.00	1.0
Sea Mud	15.50	120.0
Shrink Wrap	20.00	2.0
Tax	1.00	303.8

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/19/2015  
Report #: 6.0, DFS: 3.23  
Depth Progress: 780.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type	Weather Good	Temperature (°F) 68.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am Drig/Slide 7 7/8 Prod Hole @ 5463' No Mud Losses	Operation Next 24hrs Drig/Slide 7 7/8 Prod Hole
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24 Hr Summary  
Drig/Slide 7 7/8 Prod Hole F/ 4683' T/ 5463' 780' @ 47.27 ft per hrs (WOB 14-18 RPM 50 GPM 415) Trip out and in hole Change out Bit and Mud Motor, Change Hyd Motor in Swivel from Low Torque to High Torque, Formation Mahogany Bench, Top Mahogany Bench TVD 4950' MD 5142', BBG 135-255 Conn 253 Peak 1202 @ 5311' Lithology MRLST 40% SH 30% DOLST 25% CLYST 5%

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	6	TRIPS	Trip out of Hole
08:00	09:30	1.50	3.50	20	DIRECTIONAL WORK	Change Out MM and Bit Scribe Directional Tool
09:30	11:30	2.00	5.50	6	TRIPS	Trip in Hole 3464'
11:30	12:30	1.00	6.50	21	OPEN	Change Hyd Motor in Swivel from Low Torque to High Torque
12:30	13:30	1.00	7.50	6	TRIPS	Trip in Hole
13:30	06:00	16.50	24.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 4683' T/ 5463' 780' @ 47.27 ft per hr

Mud Checks						
4,685.0ftKB, 3/19/2015 12:30						
Type Water Base	Time 12:30	Depth (ftKB) 4,685.0	Density (lb/gal) 9.10	Funnel Viscosity (s/qt) 32	PV Override (cP) 6.0	YP OR (lb/100ft²) 8.000
Gel 10 sec (lb/100ft²) 4.000	Gel 10 min (lb/100ft²) 6.000	Filtrate (mL/30min) 20.000	Filter Cake (1/32") 6.000.000	pH 8.5	Sand (%) 0.3	Solids (%) 5.8
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 6.000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 50.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4200.0	Active Mud Volume (bbl) 587.0		

Drill Strings			
BHA #2, Steerable			
Bit Run 2	Drill Bit 7 7/8in, MM65M, 12502339	Length (ft) 1.00	IADC Bit Dull 5-3-BT-A-X-1-BT-TD
Nozzles (1/32") 16/16/16/16/16	String Length (ft) 553.77	TFA (incl Noz) (in²) 1.18	BHA ROP... 52.5

String Components  
Security MM65M Materail # 749681 MM65M, Hunting 6.5 1.5 bent 7/8 3.3 rev .16, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP  
Comment  
Bit #2 Sec. 7 7/8 MM65M s/n 12502339, MM Hunting 6.5 1.5 Bend 7/8 3.3 Rev 1.6, 1-UBHO, 2 - 6.5 NMDCs, 5 - 6.5 DCS, 10 - 4.5 HWDP

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf )	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,683.0	5,463.0	780.00	16.50	47.3	415	15	50	1,400.0	100	130	11,500.0

AFE Number 1738013US	Start Depth (ftKB) 4,683.0	End Depth (ftKB) 5,463.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	
Last Casing String Surface, 1,056.0ftKB		

Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs	
Capstar Drilling, 329	
Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)	
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)	
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite	10.65	56.0
DAP	35.00	85.0
Engineering	450.00	1.0
Liqui Drill	135.00	2.0
Pallet	20.00	7.0
Rental	50.00	1.0
Shrink Wrap	20.00	7.0
Tax	1.00	250.25
Trucking	1.00	800.0

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/20/2015  
Report #: 7.0, DFS: 4.23  
Depth Progress: 1,348.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type

Weather Good	Temperature (°F) 68.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am  
Drig/Slide 7 7/8 Prod Hole @ 6811 100 bbls mud loss

24 Hr Summary  
Drig/Slide 7 7/8 Prod Hole F/ 5463' T/ 6811' 1348' @ 57.36 ft per hr (WOB 14-18 RPM 50 GPM 415) Rig Service  
Formation TGR3 BBG 135-147 Conn 267 Peak 1232 @ 6127 Lithology SH 35% CLYST 30% SS 30% DOLST 5%

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	15:30	9.50	9.50	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 5463' T/ 5985' 522' @ 54.94 ft per hr
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	06:00	14.00	24.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 5985' T/ 6811' 826' @ 59 ft per hr

## Mud Checks

## 5,787.0ftKB, 3/20/2015 12:00

Type Water Base	Time 12:00	Depth (ftKB) 5,787.0	Density (lb/gal) 9.30	Funnel Viscosity (s/qt) 33	PV Override (cP) 7.0	YP OR (lb/100ft²) 8.000
Gel 10 sec (lb/100ft²) 7.000	Gel 10 min (lb/100ft²) 10.000	Filtrate (mL/30min) 0.2	Filter Cake (1/32") 20.000	pH 8.0	Sand (%) 0.3	Solids (%) 7.0
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 48,000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 100.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4200.0	Active Mud Volume (bbl) 631.0		

## Drill Strings

## BHA #2, Steerable

Bit Run 2	Drill Bit 7 7/8in, MM65M, 12502339	Length (ft) 1.00	IADC Bit Dull 5-3-BT-A-X-1-BT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 52.5
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 553.77	Max Nominal OD (in) 6.500			

String Components  
Security MM65M Materail # 749681 MM65M, Hunting 6.5 1.5 bent 7/8 3.3 rev .16, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP

Comment  
Bit #2 Sec. 7 7/8 MM65M s/n 12502339, MM Hunting 6.5 1.5 Bend 7/8 3.3 Rev 1.6, 1-UBHO, 2 - 6.5 NMDCs, 5 - 6.5 DCs, 10 - 4.5 HWDP

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,463.0	6,811.0	2,128.0 0	40.00	57.4	415	15	50	1,525.0	137	168	11,500.0

AFE Number 1738013US	Start Depth (ftKB) 5,463.0	End Depth (ftKB) 6,811.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	

Last Casing String Surface, 1,056.0ftKB

## Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## 2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Brine	7.50	130.0
Engineering	450.00	1.0
Hole Seal	21.00	6.0
Pallet	20.00	2.0
Rental	50.00	1.0
Sawdust	4.50	39.0
Sea Mud	15.50	68.0
Shrink Wrap	20.00	11.0
Tax	1.00	117.64

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/21/2015  
Report #: 8.0, DFS: 5.23  
Depth Progress: 1,527.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072	Surface Legal Location SWSE S24 T3S R1E	License # 18754
Spud Date 3/10/2015 12:00	Date TD Reached (wellbore) 3/23/2015 01:00	Rig Release Date 3/24/2015 11:00
	Ground Elevation (ft) 4,950.00	Orig KB Elev (ft) 4,962.00

Completion Type

Weather Good	Temperature (°F) 70.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am  
Drig/Slide 7 7/8 Prod Hole @ 8338' No Mud Losses

Operation Next 24hrs  
Drig /Slide 7 7/8 Prod Hole,

24 Hr Summary  
Drig/Slide 7 7/8 Prod Hole F/ 6811' T/ 8338' 1527' @ 64.97 ft per hr. (WOB 14-18 RPM 50 GPM 415) Rig Service  
Formation Wasatch Formation Topps TGR3 TVD-6268', Douglas Creek TVD-7270' Black Shale TVD-7620' Castle Peak  
TVD-7832', BBG 534-540, Conn 881, Peak 1002 @ 8138', Lithology CLYST 45% SH 30% SS 20% LS 5%

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	15:30	9.50	9.50	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 6811 T/ 7508' 697" @73.36 ft per hr
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	06:00	14.00	24.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 7508' T/ 8338' 830' 59.28 ft per hr

## Mud Checks

7,334.0ftKB, 3/21/2015 12:00							
Type Water Base	Time 12:00	Depth (ftKB) 7,334.0	Density (lb/gal) 9.60	Funnel Viscosity (s/qt) 31	PV Override (cP) 4.0	YP OR (lb/100ft²) 10.000	
Gel 10 sec (lb/100ft²) 10.000	Gel 10 min (lb/100ft²) 17.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 9.5	
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 48,000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)	
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 100.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 4000.0	Active Mud Volume (bbl) 776.0			

## Drill Strings

BHA #2, Steerable					
Bit Run 2	Drill Bit 7 7/8in, MM65M, 12502339	Length (ft) 1.00	IADC Bit Dull 5-3-BT-A-X-1-BT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 52.5
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 553.77	Max Nominal OD (in) 6.500			

String Components  
Security MM65M Materail # 749681 MM65M, Hunting 6.5 1.5 bent 7/8 3.3 rev .16, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP

Comment  
Bit #2 Sec. 7 7/8 MM65M s/n 12502339, MM Hunting 6.5 1.5 Bend 7/8 3.3 Rev 1.6, 1-UBHO, 2 - 6.5 NMDCs, 5 - 6.5 DCS, 10 - 4.5 HWDP

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,811.0	8,338.0	3,655.0	63.50	65.0	415	15	50	1,650.0	148	196	13,800.0

AFE Number 1738013US	Start Depth (ftKB) 6,811.0	End Depth (ftKB) 8,338.0
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Target Formation WASATCH	Target Depth (ftKB) 8,774.0
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Last Casing String  
Surface, 1,056.0ftKB

## Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## 2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	15.0
Engineering	450.00	1.0
Hole Seal	21.00	6.0
Liqui Drill	135.00	1.0
Pallet	20.00	2.0
Rental	50.00	1.0
Sawdust	4.50	21.0
Sea Mud	15.50	30.0
Shrink Wrap	20.00	2.0
Tax	1.00	103.29

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	





## Daily Drilling Report

Report for: 3/22/2015  
Report #: 9.0, DFS: 6.23  
Depth Progress: 654.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072	Surface Legal Location SWSE S24 T3S R1E	License # 18754
Spud Date 3/10/2015 12:00	Date TD Reached (wellbore) 3/23/2015 01:00	Rig Release Date 3/24/2015 11:00
	Ground Elevation (ft) 4,950.00	Orig KB Elev (ft) 4,962.00

Completion Type	Weather Good	Temperature (°F) 70.0	Road Condition GOOD	Hole Condition Good
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Operation At 6am Trip out of Hole for Wire line logs, TD 8992' No Mud Losses	Operation Next 24hrs Trip out for Logs, Run Wire Line Logs, Run 5.5 Prod Casing, Cement Prod Casing
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24 Hr Summary  
Drig/Slide 7 7/8 Prod Hole F/ 8338' T/ 8992' 654' @ 35.35 ft per hr. (WOB 14-18 RPM 50 GPM 415) Rig Service, Circ for Logs, Spot 10.4 ppg kill mud and Dry Job, Trip out of for Logs, Formation Wasatch, Formation Topps Uteland Butte TVD 7852', Wasatch TVD 8774', BBG 330-375, Conn 461' Peak 1944 @ 8201' Lithology CLYST 45%, SH 35% SS 20%

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	15:30	9.50	9.50	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 8338' T/ 8684' 346' @ 36.42 ft per hr
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	01:00	9.00	19.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 8684' T/ 8992' 308' @ 34.22 ft per hrs
01:00	03:30	2.50	21.50	5	COND MUD & CIRC	Pump High Vis Sweep Circ 2 Bottom Up, Spot 250 BBIs 10.4 ppg Kill Mud F/ 8992' T/ 4000' Pump Dry Job
03:30	06:00	2.50	24.00	6	TRIPS	Check for Flow, Trip out

Mud Checks						
8,551.0ftKB, 3/22/2015 00:00						

Type Water Base	Time 00:00	Depth (ftKB) 8,551.0	Density (lb/gal) 9.65	Funnel Viscosity (s/qt) 32	PV Override (cP) 5.0	YP OR (lb/100ft²) 12.000
Gel 10 sec (lb/100ft²) 10.000	Gel 10 min (lb/100ft²) 20.000	Filtrate (mL/30min) 0.2	Filter Cake (1/32") 20.000	pH 8.5	Sand (%) 0.3	Solids (%) 9.5
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 30,000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 100.0	Mud Lost to Surface (bbl) 0.0	Reserve Mud Volume (bbl) 3900.0	Active Mud Volume (bbl) 851.0		

Drill Strings						
BHA #2, Steerable						

Bit Run 2	Drill Bit 7 7/8in, MM65M , 12502339	Length (ft) 1.00	IADC Bit Dull 5-3-BT-A-X-1-BT-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 52.5
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 553.77		Max Nominal OD (in) 6.500	

String Components  
Security MM65M Materail # 749681 MM65M, Hunting 6.5 1.5 bent 7/8 3.3 rev .16, UBHO, NMDC, NMDC, 6 1/2 DCS, HWDP

Comment  
Bit #2 Sec. 7 7/8 MM65M s/n 12502339, MM Hunting 6.5 1.5 Bend 7/8 3.3 Rev 1.6, 1-UBHO, 2 - 6.5 NMDCs, 5 - 6.5 DCS, 10 - 4.5 HWDP

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,338.0	8,992.0	4,309.0	82.00	35.4	415	15	50	1,700.0	157	228	13,800.0

AFE Number 1738013US	Start Depth (ftKB) 8,338.0	End Depth (ftKB) 8,992.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	
Last Casing String Surface, 1,056.0ftKB		

Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs		
Capstar Drilling, 329		
Contractor Capstar Drilling		Rig Number 329
Rig Supervisor JEREMY DEAKIN		Phone Mobile 307-315-3247
1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Aluminum Stear.	130.00	1.0
Barite	10.65	64.0
DAP	35.00	68.0
Engineering	450.00	1.0
Hole Seal	21.00	12.0
Pallet	20.00	2.0
Rental	50.00	1.0
Sawdust	4.50	15.0
Sea Mud	15.50	92.0
Shrink Wrap	20.00	2.0
Tax	1.00	323.23
Walnut	14.50	16.0

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/23/2015  
Report #: 10.0, DFS: 7.23  
Depth Progress: 0.00

Well Name: DAULWALDER 10-24-3-1E

UWI/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754					
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00		Ground Elevation (ft) 4,950.00		Orig KB Elev (ft) 4,962.00	
Completion Type									
Weather Good		Temperature (°F) 65.0		Road Condition GOOD			Hole Condition Good		
Operation At 6am Cementing 5 1/2 Prod Casing				Operation Next 24hrs Cement 5.5 Prod Casing, Nipple Down BOP, Clean Mud Tanks, Rig Down and Move Capstar 329, 2.5 Miles To the Riley 8-27-3-1E					

## 24 Hr Summary

Trip out of hole for wire line logs, stop at 3500', and Circ 1 1/2 time bottom up, Held Safety Meeting with Halliburton, Rig up Loggers, RIH with Triple Combo Log, Loger Depth 8976, Work Bridge @ 1900, Rig Down Loggers, Change Hyd Motor in Swivel, RIH with 207 Joints 5 1/2 L-80 17# LTC set @ 8977.8, Held Safety Meeting with Halliburton, Rig Up to Cement Prod Casing, Test Line 5000 psi, Cement 5 1/2 Prod Casing with 10 bbls water spacer, 420 sks 208 bbls Lead Cmt Mix @ 11 ppg, 570 sks 168 bbls Cmt Mix @ 13.1 ppg, Drop Plug, Wash Pump and Line, Displace with 207 BBLs Fresh Water

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:30	1.50	1.50	6	TRIPS	Trip out of hole for wire line logs to 3500'
07:30	08:00	0.50	2.00	5	COND MUD & CIRC	Circ 1 1/2 time Bottom up with 550 GPM, 60 RPM and move pipe
08:00	10:30	2.50	4.50	6	TRIPS	Trip out of hole L/D Tools
10:30	16:30	6.00	10.50	11	WIRELINE LOGS	Held Safety Meeting with Halliburton, Rig up Loggers, RIH with Triple Combo Log Include Neutron Denstiy PE SP Gamma Resistivity Dielectric, Loger Depth 8976, Work Bridge @ 1900, Rig Down Loggers
16:30	17:00	0.50	11.00	21	OPEN	Change Hyd Motor in Swivel from high torque to low torque
17:00	00:00	7.00	18.00	12	RUN CASING & CEMENT	Rig up Franks CTR Tool, RIH with 207 Joints 5 1/2 L-80 17# LTC set @ 8977.8 Marker Joint @ 6249.5' and 8159.7, Set Casing on Hanger @ 120,000 lbs
00:00	06:00	6.00	24.00	12	RUN CASING & CEMENT	Held Safety Meeting with Haliburton, Rig Up to Cement Prod Casing, Test Line 5000 psi, Cement 5 1/2 Prod Casing with 10 bbls water spacer, 420 sks 208 bbls Lead Cmt Mix @ 11 ppg, 570 sks 168 bbls Cmt Mix @ 13.1 ppg, Drop Plug, Wash Pump and Line, Displace with 207 BBLs Fresh Water, FCP 1850 psi, Bump Plug @ 5:57 am on 3/24/15, Held 2450 psi on Plug for 2 minutes, Float held OK, Had good return through out cement job until last 10 bbls of Displacement, Circ 77 bbls of good cement to pit

## Mud Checks

8,992.0ftKB, 3/23/2015 12:00

Type Water Base	Time 12:00	Depth (ftKB) 8,992.0	Density (lb/gal) 9.75	Funnel Viscosity (s/qt) 34	PV Override (cP) 6.0	YP OR (lb/100ft²) 12.000
Gel 10 sec (lb/100ft²) 12.000	Gel 10 min (lb/100ft²) 24.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL) 0.2	Chlorides (mg/L) 20.000	Calcium (mg/L) 30,000.000	Pf (mL/mL)	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl) 0.0	Mud Lost to Hole (bbl) 100.0	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl) 3900.0	Active Mud Volume (bbl) 756.0		

## Drill Strings

BHA #&lt;stringno&gt;, &lt;des&gt;

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)	
String Components					
Comment					

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1738013US	
Start Depth (ftKB) 8,992.0	End Depth (ftKB) 8,992.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0

## Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## 2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b...) 0.081
P (psi)	Slow Spd	Strokes (s...) Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite	10.65	120.0
DAP	35.00	12.0
Engineering	450.00	1.0
Rental	50.00	1.0
Sea Mud	15.50	50.0
Tax	1.00	96.29
Trucking	1.00	1,200.0
Walnut	14.50	9.0

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



## Daily Drilling Report

Report for: 3/24/2015  
Report #: 11.0, DFS: 8.23  
Depth Progress: 0.00

Well Name: DAULWALDER 10-24-3-1E

UWII/API 43-047-54072		Surface Legal Location SWSE S24 T3S R1E		License # 18754	
Spud Date 3/10/2015 12:00		Date TD Reached (wellbore) 3/23/2015 01:00		Rig Release Date 3/24/2015 11:00	
				Ground Elevation (ft) 4,950.00	
				Orig KB Elev (ft) 4,962.00	

Completion Type	Weather Good	Temperature (°F) 65.0	Road Condition GOOD	Hole Condition Good
Operation At 6am	Operation Next 24hrs			

24 Hr Summary  
Rig Down Halliburton and CTR Tool, Nipple Down BOP Equipment, And Clean Mud Tanks, Released Capstar 329 From Daulwalder 10-24-3-1E @ 11am on 3/24/15

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	11	WIRELINE LOGS	Rig Down Halliburton and CTR Tool
07:00	11:00	4.00	5.00	14	NIPPLE UP B.O.P	Nipple Down BOP Equipment, And Clean Mud Tanks

## Mud Checks

<depth>ftKB, <dtm>						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

## Drill Strings

BHA #<stringno>, <des>					
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")	String Length (ft)		Max Nominal OD (in)		

String Components
Comment

## Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1738013US	Start Depth (ftKB) 8,992.0	End Depth (ftKB) 8,992.0
Target Formation WASATCH	Target Depth (ftKB) 8,774.0	

Last Casing String  
Production, 8,977.8ftKB

## Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

## Rigs

## Capstar Drilling, 329

Contractor Capstar Drilling	Rig Number 329
Rig Supervisor JEREMY DEAKIN	Phone Mobile 307-315-3247

## 1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b... 0.081
P (psi)	Slow Spd	Strokes (s... Eff (%)

## 2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp) 1,000.0	Rod Dia (in)
Liner Size (in) 6 1/4	Stroke (in) 9.02	Vol/Stk OR (b... 0.081
P (psi)	Slow Spd	Strokes (s... Eff (%)

## Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

## Safety Checks

Time	Type	Des

## Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> Daulwalder 10-24-3-1E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0716 FSL 1737 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 03.0S Range: 01.0E Meridian: U		<b>9. API NUMBER:</b> 43047540720000
<b>PHONE NUMBER:</b> 720 880-3621 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RANDLETT
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/13/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           Crescent Point Energy US Corp reports the first production of hydrocarbons from Daulwalder 10-24-3-1E on April 13, 2015.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>            May 01, 2015         </div> </div>		
<b>NAME (PLEASE PRINT)</b> Kelly Beverlin	<b>PHONE NUMBER</b> 720 880-3635	<b>TITLE</b> Engineering Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/30/2015	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8  
(highlight changes)

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>						5. LEASE DESIGNATION AND SERIAL NUMBER:			
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. UNIT or CA AGREEMENT NAME			
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. WELL NAME and NUMBER:			
2. NAME OF OPERATOR:						9. API NUMBER:			
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____					PHONE NUMBER:	10 FIELD AND POOL, OR WILDCAT			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE:  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH:						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			
						12. COUNTY		13. STATE UTAH	
14. DATE SPUDDED:		15. DATE T.D. REACHED:		16. DATE COMPLETED: ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL):			
18. TOTAL DEPTH: MD _____ TVD _____		19. PLUG BACK T.D.: MD _____ TVD _____		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)					23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)				
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS				<input type="checkbox"/> GEOLOGIC REPORT		<input type="checkbox"/> DST REPORT		<input type="checkbox"/> DIRECTIONAL SURVEY	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION				<input type="checkbox"/> CORE ANALYSIS		<input type="checkbox"/> OTHER: _____			



**31. INITIAL PRODUCTION****INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)****33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

**35. ADDITIONAL REMARKS (Include plugging procedure)**

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) \_\_\_\_\_ TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Crescent Point Energy  
Dauwalder 10-24-3-1E - Actual

Unitah County  
SECTION 24 T3S, R1E  
Your Ref: capstar 316 rkb @ 4963.3'

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0	0	0	0	0	0	0	0
1107	0.6	173.6	1106.98	-5.76	0.65	-5.76	0.05
1193	0.5	20	1192.98	-5.85	0.82	-5.9	1.25
1279	1.4	359.8	1278.97	-4.45	0.95	-4.55	1.1
1366	3	340.9	1365.9	-1.24	0.2	-1.25	2
1453	4.5	352.1	1452.71	4.29	-1.01	4.41	1.91
1542	5.7	356.3	1541.36	12.16	-1.78	12.26	1.41
1629	6.6	356	1627.86	21.46	-2.41	21.48	1.04
1717	8.7	351	1715.07	33.08	-3.8	33.13	2.5
1804	10.3	349.3	1800.87	47.23	-6.27	47.47	1.87
1890	12.2	346.7	1885.22	63.63	-9.79	64.24	2.29
1977	14.1	349.1	1969.93	82.98	-13.91	84.03	2.27
2065	16.7	348.2	2054.77	105.89	-18.52	107.39	2.97
2151	18.5	347.2	2136.74	131.29	-24.07	133.4	2.12
2238	19.9	346.7	2218.9	159.16	-30.54	162	1.62
2325	19.8	345	2300.73	187.8	-37.76	191.53	0.67
2412	19.9	344.7	2382.56	216.32	-45.48	221.04	0.16
2499	19.4	347	2464.49	244.68	-52.64	250.27	1.06
2585	19.5	348.7	2545.59	272.67	-58.66	278.91	0.67
2673	19.1	347.9	2628.64	301.15	-64.56	307.99	0.54
2759	18.9	351	2709.96	328.67	-69.69	335.96	1.2
2847	19.5	351.2	2793.06	357.26	-74.16	364.85	0.69
2935	19.5	350.1	2876.02	386.24	-78.94	394.18	0.42
3019	19.9	348.9	2955.1	414.08	-84.1	422.48	0.68
3106	19.6	350.5	3036.98	443	-89.36	451.86	0.71
3192	20.1	349.3	3117.87	471.75	-94.48	481.03	0.75
3280	20	349.8	3200.54	501.42	-99.96	511.19	0.23
3366	19.5	352.4	3281.48	530.12	-104.46	540.19	1.18
3454	19.2	351.4	3364.51	558.99	-108.56	569.26	0.51
3540	19.2	349.9	3445.73	586.89	-113.16	597.5	0.57
3627	18.7	348.1	3528.01	614.62	-118.54	625.74	0.88
3714	19.6	349.5	3610.2	642.62	-124.08	654.27	1.16

3803	19.93	348.88	3693.95	672.18	-129.72	684.36	0.44
3891	18.1	348.9	3777.15	700.31	-135.25	713.02	2.08
3977	18.9	350.1	3858.7	727.15	-140.22	740.29	1.03
4066	18.6	353.4	3942.98	755.45	-144.33	768.82	1.24
4153	19.3	353	4025.27	783.5	-147.67	796.93	0.82
4239	21.1	351.4	4105.98	812.91	-151.72	826.53	2.19
4324	22.1	350.3	4185.01	843.8	-156.7	857.77	1.27
4412	21.4	346.3	4266.75	875.72	-163.29	890.36	1.86
4498	20.6	343.7	4347.03	905.49	-171.26	921.14	1.43
4586	21	344.1	4429.3	935.51	-179.92	952.32	0.48
4672	20.8	346	4509.64	965.15	-187.84	982.97	0.82
4759	21.8	348.3	4590.7	995.95	-194.85	1014.56	1.5
4845	21.9	350.5	4670.52	1027.41	-200.74	1046.55	0.96
4933	21.9	348	4752.17	1059.65	-206.86	1079.35	1.06
5020	19.9	344.3	4833.45	1089.78	-214.24	1110.36	2.75
5108	19.8	341.8	4916.22	1118.36	-222.95	1140.14	0.97
5195	18.2	340.4	4998.48	1145.16	-232.11	1168.29	1.91
5280	15.8	344.4	5079.76	1168.81	-239.67	1193.01	3.14
5366	14	343.1	5162.87	1190.04	-245.85	1215.07	2.13
5454	13.8	342.7	5248.29	1210.25	-252.06	1236.14	0.25
5542	12.7	346.72	5333.95	1229.68	-257.4	1256.27	1.63
5630	10.2	349.7	5420.19	1246.77	-261.02	1273.74	2.92
5716	8.2	348.1	5505.08	1260.26	-263.65	1287.48	2.34
5801	6.6	355.8	5589.37	1271.07	-265.25	1298.38	2.21
5888	5.6	6.2	5675.88	1280.27	-265.16	1307.35	1.71
5976	4.7	7.2	5763.53	1288.12	-264.25	1314.82	1.03
6063	3.1	15.9	5850.32	1293.92	-263.16	1320.24	1.96
6150	2.2	4	5937.23	1297.85	-262.39	1323.92	1.21
6238	1.8	3.5	6025.17	1300.91	-262.19	1326.87	0.45
6325	1.27	350	6112.14	1303.22	-262.28	1329.15	0.73
6411	1.1	337.3	6198.12	1304.92	-262.76	1330.91	0.36
6497	0.9	305.3	6284.11	1306.08	-263.63	1332.22	0.68
6585	0.9	254.9	6372.1	1306.3	-264.86	1332.7	0.87
6671	1.2	235.8	6458.09	1305.61	-266.26	1332.33	0.53
6758	1.1	237.1	6545.07	1304.65	-267.71	1331.7	0.12
6845	1.2	224.2	6632.05	1303.54	-269.05	1330.91	0.32
6933	1.6	213.3	6720.03	1301.85	-270.37	1329.54	0.54
7021	1.6	232.4	6807.99	1300.08	-272.01	1328.16	0.6
7108	1.5	231.2	6894.96	1298.62	-273.86	1327.14	0.12
7194	1.69	220.3	6980.93	1296.95	-275.56	1325.87	0.42
7281	2	229.5	7067.88	1294.99	-277.55	1324.38	0.49
7369	2.3	219.7	7155.82	1292.63	-279.84	1322.57	0.54
7455	1.8	216.2	7241.77	1290.21	-281.74	1320.61	0.6
7543	0.7	192.3	7329.74	1288.57	-282.67	1319.21	1.36
7630	0.5	188.3	7416.74	1287.68	-282.84	1318.37	0.23
7717	0.97	171.18	7503.73	1286.57	-282.78	1317.28	0.59
7805	1.21	183.07	7591.72	1284.91	-282.72	1315.65	0.37

7891	1.4	176.3	7677.69	1282.95	-282.7	1313.73	0.28
7979	1.69	172.5	7765.66	1280.6	-282.46	1311.38	0.35
8066	1.93	169.8	7852.62	1277.88	-282.03	1308.63	0.29
8154	2.1	170	7940.56	1274.84	-281.49	1305.54	0.19
8241	2.1	165.7	8027.51	1271.72	-280.82	1302.36	0.18
8328	1.9	163.8	8114.45	1268.79	-280.02	1299.32	0.24
8416	2.1	164.5	8202.4	1265.84	-279.19	1296.26	0.23
8502	2.2	157.4	8288.34	1262.79	-278.13	1293.06	0.33
8589	2.2	166.24	8375.28	1259.63	-277.09	1289.75	0.39
8675	2.4	164.3	8461.21	1256.29	-276.21	1286.3	0.25
8761	2.5	169.9	8547.13	1252.71	-275.4	1282.63	0.3
8848	2.7	166.1	8634.04	1248.86	-274.57	1278.68	0.3
8935	2.6	167.2	8720.94	1244.94	-273.64	1274.66	0.13
8992	2.6	167.2	8777.89	1242.42	-273.07	1272.08	0

All data are in feet unless otherwise stated. Directions and coordinates are relative to True North.  
Vertical depths are relative to Dauwalder 10-24-3-1E. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 347.604° (True).

Coordinate System is North American Datum 1983 US State Plane 1983, Utah Central Zone.

Central meridian is -111.500°.

Grid Convergence at Surface is 1.071°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 8992.00ft.,  
the Bottom Hole Displacement is 1272.08ft., in the Direction of 347.604° (True).

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Daulwalder 10-24-3-1E	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		9. API NUMBER: 43047540720000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: RANDLETT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0716 FSL 1737 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 03.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/18/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached application to commingle production formations for  
Daulwalder 10-24-3-1E

Approved by the  
June 22, 2015  
Oil, Gas and Mining

Date: \_\_\_\_\_

By: D. K. Duff

NAME (PLEASE PRINT) Valari Cray	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A		DATE 5/18/2015





April 28, 2015

Utah Division of Oil, Gas & Mining  
Attention: Dustin Doucet  
1594 West North Temple, Suite 1120  
Salt Lake City, Utah 84116

RE: Sundry Notices  
Dauwalder 10-24-3-1E  
Uintah County, UT

Dear Mr. Doucet:

Crescent Point Energy has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. Pursuant to the Utah OGM regulations, we have enclosed a copy of the Sundry Notice, a plat showing the owners of contiguous leases, as well as an affidavit confirming notice.

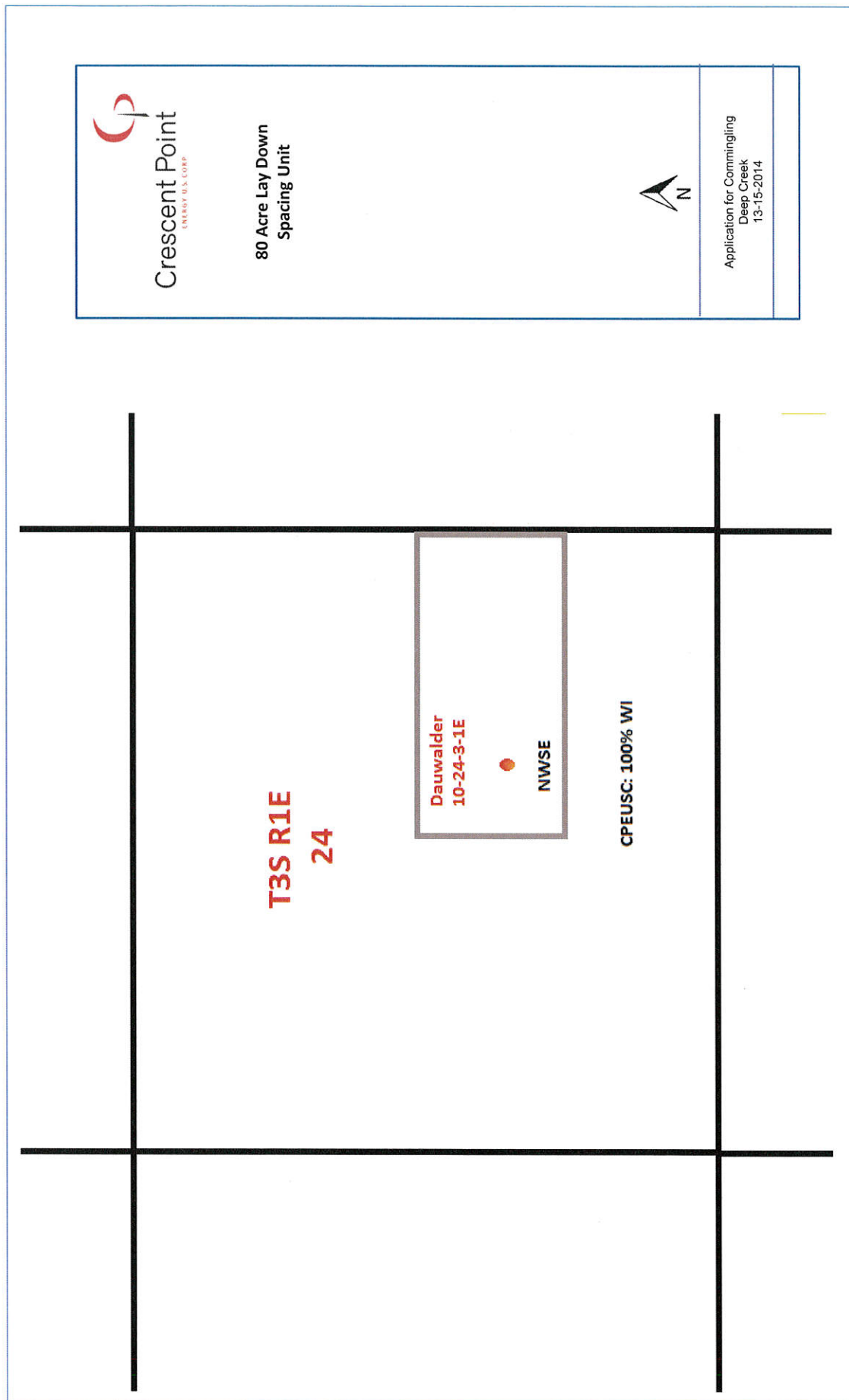
If you should have any questions regarding these Sundry Notices, please feel free to contact me at 303-308-6794.

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Stone', is written over a horizontal line.

Andrew M. Stone  
Land Consultant

Enclosures



In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two Or More Pools, Crescent Point Energy U.S. Corp. is submitting this sundry to request commingling approval for the Wasatch and Green River formations based on the following conclusions:

- Oil and associated gas compositions are similar across all formations.
- The respective well is located within an 80-acre lay-down spacing unit established with Spacing Order filed as Cause #142-03 to allow for the production of 1 well per unit and later amended with Spacing Order filed as Cause #142-05 to increase the well density to 2 wells per unit.
- Below and above the spaced interval, Working Interest owners and mineral owners remain the same across the spacing unit.
- The pressure profile across the formations is similar and Crescent Point Energy U.S. Corp. does not anticipate any cross flow.
- Following commingling, production will be considered to be from one pool.
- In the event that allocation by zone or interval is required, Crescent Point Energy U.S. Corp. would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval.

A letter, an affidavit(s) of notice, and a plat are attached.

**AFFIDAVIT OF NOTICE**

Andrew M. Stone, of lawful age, after having first duly sworn upon his oath, disposes and states:

That he is employed by Crescent Point Energy U.S. Corp. ("Crescent Point") as a Land Consultant. Crescent Point has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within the Randlett Exploration and Development Agreement Area:

Dauwalder 10-24-3-1E

NWSE Section 24 T3S-R1E

That in compliance with the Utah OGM regulation R649-3-22, regarding the 142-03 and 142-05 80 acre lay down spacing units, I have provided a copy of the Sundry Notices, via Certified Mail, to the State because Crescent Point is the only owner of all contiguous oil and gas leases or drilling units overlying the pool:

Date: April 28, 2015

Affiant



Andrew M. Stone  
Land Consultant